

Curriculum vitae

Ruggero D'Anastasio



Personal Data

First name: Ruggero
Last name: D'Anastasio
Date of birth: 06/02/1968
Place of birth: Pescara
Residence: Corso Umberto 219/B, 65015 Montesilvano (PE), Italy

Contact Information

Email: r.danastasio@unich.it
Mobile: +39 333 3735819

Profession

Full Professor

Scientific Disciplinary Sector: BIOS-03B Anthropology
Scientific Disciplinary Group: 05/BIOS-03 Zoology and Anthropology

Workplace: "G. d'Annunzio" University of Chieti-Pescara, Department of Medicine and Aging Sciences

Current Position: Director of the University Museum, "G. d'Annunzio" University of Chieti-Pescara

SHORT CURRICULUM VITAE

He graduated in Biological Sciences from the University of L'Aquila in 1994, with a thesis on the malacological microfauna of the Sangro River within the National Park of Abruzzo. He completed his military service with the rank of Second Lieutenant at the 235th "Piceno" Regiment in Ascoli Piceno, after attending the 156th AUC Course at the Infantry School in Cesano, Rome.

He completed an internship at the Immunohematology Service of the "Spirito Santo" Hospital in Pescara, subsequently obtaining qualification to practice as a Biologist and enrolling in the National Order of Biologists. In 2004, he earned a PhD in Paleopathology from the Catholic University of the Sacred Heart in Rome, combining his interest in biology with a passion for human history.

PROFESSIONAL AND SCIENTIFIC CURRICULUM – SUMMARY

His scientific activity in the field of Anthropology began in 1995 at the Technical Service for Anthropological and Paleopathological Research of the Ministry of Cultural and Environmental Heritage, with which he established an ongoing collaboration, including occasional professional contracts. His work involved the study and publication of archaeo-anthropological, paleopathological data and morphological

markers related to ancient human populations from historical and protohistorical periods (Normans, Samnites, Roman-era populations from Herculaneum, etc.).

He has produced original data on the paleodemography and paleopathology of Italic communities in Abruzzo, contributing to the reconstruction of the region's human settlement history. From 1997 to 1999, he was commissioned by the Autonomous Province and the Archaeology and Nature Museum of Bolzano to study and preserve the famous Similaun mummy.

He has also worked on the study and preservation of numerous other mummified human remains (e.g., Saint Rosa of Viterbo, Saint Bernardino of Siena, Joseph Karam and Joseph Tyan – Lebanon –, Léonie Martin – France), publishing original research results in international and national journals.

He has also published scientific articles in the fields of Forensic Anthropology and Anthropology applied to Motor Sciences.

From 2006 to 2008, he participated in the paleoanthropological excavation campaign at the Plio-Pleistocene site of Drimolen (South Africa), funded by the Italian Ministry of Foreign Affairs and organized by the Anthropology Laboratories of the University of Florence in collaboration with the University of Johannesburg (South Africa). He was responsible for the scientific project “Paleopathological study of *Australopithecus africanus* Stw 431,” in collaboration with the University of the Witwatersrand (Johannesburg, South Africa), aimed at documenting pathological skeletal alterations in South African hominin fossils.

From 2009 to the present, he has participated in anthropological excavation campaigns at the sites of Cyrene and Jhar Abub (Libya), at the monumental tomb of Neferhotep (Luxor, Egypt), and at Neolithic sites in Cyprus.

Since 1997, he has carried out museum-related activities at the University Museum of “G. d’Annunzio” University of Chieti, focusing on the restoration, study, conservation, and exhibition of ancient human remains, as well as human and animal fossils.

Since 1998, he has held teaching positions in university courses, secondary schools, and national and regional institutions.

OTHER QUALIFICATIONS

Educational Qualifications

1. **1996** – State Examination for qualification to practice as a Biologist and registration in the National Register of Biologists.
2. **2000** – Advanced training course “*Museum Management*” organized by the Abruzzo Region (05/07/2000 – 07/07/2000).
3. **2007** – Research fellowship on “*Anthropology and paleopathology of the Italic population of Opi Val Fondillo*” at “G. d’Annunzio” University of Chieti (01/01/2007 – 31/12/2007).
4. **2008** – Research fellowship (renewal) on “*Anthropology and paleopathology of the Italic population of Opi Val Fondillo*” at “G. d’Annunzio” University of Chieti (01/01/2008 – 31/01/2008).
5. **2016** – Training course: “*Missing persons emergency: legal, medico-legal, psychological and social aspects*” (26/11/2016).

PUBLICATIONS

1. Cilli J, Di Felice A, **D'Anastasio R**. The mummified head of the child of Celano. *Med Histor* [Internet]. **2025** Sep. 30 [cited 2025 Oct. 10];9(1-2):16582. Available from: <https://www.mattioli1885journals.com/index.php/MedHistor/article/view/16582>
2. Di Fabrizio, Antonietta; Stocco, Flavio; Paolucci, Assunta; Di Felice, Arianna; Capasso, Luigi; **D'Anastasio, Ruggero**; Cilli, Jacopo "The mummy of Torricella Peligna, a case report ", *Anthropologischer Anzeiger*, published online: Aug 20, **2025**
3. Cilli J, Di Felice A, Capasso L, **D'Anastasio R**. Enteseal changes of the Achilles tendon in the Samnitic population of Opi, Val Fondillo (VII-VI century BCE; Abruzzo, central Italy): a preliminary study. *JBR* [Internet]. [cited 2024 Jul. 22];2(2):e2024008. Available from: <https://mattioli1885journals.com/index.php/JBR/article/view/16153>
4. Schmidt C.W., Remy A, **D'Anastasio R**. Dietary Variation Among Herculaneum's Victims of Mt. Vesuvius via Dental Microwear Texture Analysis. *American Journal of Biological Anthropology* Volume 186, Issue 2 February **2025** Article number e70000, ISSN 26927691. DOI 10.1002/ajpa.70000.
5. Matarazzo A., D'Angelo A, Polidoro C., Nappa D., Fondi A., **D'Anastasio R.**, Ripari R., Petrarca C., Di Pietro R. Water Redistribution in The Body and Muscles of Young Athletes After a Single Workout Complemented by Water Intake. *Aca J Spo Sci & Med.* 2(4): **2025**. AJSSM.MS.ID.000545. DOI: 10.33552/AJSSM.2025.02.000545
6. S. Serafini, A. Di Blasio, I. Prestanti, A. Di Credico, A. Fusco, J. Cilli, G. Mascherini, R. **D'Anastasio**, P. Izzicupo, Hydration in Young Water Polo Players: A Bioelectrical Impedance Vector Analysis (BIVA) Approach, *HELIYON*, **2025**. <https://doi.org/10.1016/j.heliyon.2024.e41168>.
7. D'Angelo A, Assogna V, Matarazzo A, S Franceschelli, L Speranza, **R D'Anastasio**, A Fonsi, P. Ripari. Alimentation and nutrition applied to the new fitness disciplines in Italian gym. *Nutrition and Health.* **2025**;31(2). doi:10.1177/02601060231209555. ISSN: 0260-1060.
8. Festa, F.; **D'Anastasio, R.**; Benazzi, S.; Macri, M. Three-Dimensional Analysis of the Maxillary Sinuses in Ancient Crania Dated to the V–VI Centuries BCE from Opi (Italy): Volumetric Measurements in Ancient Skulls from the Necropolis of Opi, Abruzzi, Italy. *Diagnostics* **2024**, 14, 1683. <https://doi.org/10.3390/diagnostics14151683>
9. Heilmann J., **D'Anastasio R.**, Kamenov G., John Krigbaum J. Cosmopolitan Herculaneum? A multi-isotope study of the victims of Mt. Vesuvius (79 CE). *Apr* **2024**, *American Journal of Biological Anthropology* 183, pp.70-71 (Meeting Abstract).
10. Schmidt, CW, **D'Anastasio, R**. Sex-based differences in dental microwear texture among the adults from Herculaneum. *Apr* **2024**, *American Journal of Biological Anthropology* 183, pp.159-159. (Meeting Abstract).
11. Matarazzo A, D'Angelo A, **D'Anastasio R**, Ripari P. Hand anthropometry of Italian elite male swimmers. *International Journal of Morphology* 42(1), **2024**, pp. 82-85. ISSN: 0717-9367.
12. Cilli J., Borrelli L., **D'Anastasio R.**, Soricelli A., Capasso L. A Possible Case of Coccidioides Infection in a Thirteenth-Century Bolivian Mummy. *Latin American Antiquity.* **2023**, pp. 1–8. DOI:10.1017/laq.2023.25. ISSN: 1045-6635.

13. Cilli, J., Menozzi, O., Capasso, L., **D'Anastasio, R.** The study of the animal remains from the Neferhotep Complex (17th–20th Dynasty, Valley of the Nobles, Luxor, Egypt). *Archaeological and Anthropological Sciences*, **2023**, 15(8), pp. 115-129. DOI: 10.1007/s12520-023-01819-z. ISSN: 1866-9557.
14. **D'Anastasio, R.**, Arrizza, L., Cilli, J., Capasso, L. A unique “solidified” human brain from Asunción (XX century CE, Paraguay). *Journal of Archaeological Science: Reports*, **2023**, 47, 103779, pp. 1-10. DOI: 10.1016/j.jasrep.2022.103779. ISSN: 2352-409X
15. **D'Anastasio, R.**, Di Felice, A., Cilli, J., Ripari, P., Speranza, L., Franceschelli, S., Capasso, L. Preservation of single human hearts from archaeological and historical contexts. *Medicina Historica*, **2023**, 7(1), e2023008, pp. 1-7. ISSN: 2532-237.
16. **D'Anastasio R.**, Di Fabrizio A, Paolucci A, Del Cimmuto M, Cilli J, Capasso L. The paleopathological collection of the “G. D’Annunzio” University Museum (Chieti-Pescara, Italy). *Medicina Historica* **2023**; Vol. 7, N. 2: e2023032, pp. 1-8. ISSN: 2532-237.
17. **D'Anastasio R.**; Monza F; Cilli J.; Capasso L. Generalized dermatitis in the natural mummy of the Roman Catholic nun Marie-Léonie Martin (France, 1863–1941). *International Journal of Paleopathology*, **2022**, 39, pp. 64 – 69. DOI: 10.1016/j.ijpp.2022.09.001. E-ISSN:1879-9817.
18. **D'Anastasio R.**, Cilli J., Bacchia F., Fanti F., Gobbo G., Capasso L. Histological and chemical diagnosis of a combat lesion in Triceratops. *Scientific Reports*, **2022**, 12 (1), art. no. 3941, pp. 1-8. DOI: 10.1038/s41598-022-08033-2. ISSN: 2045-2322.
19. **D'Anastasio R.**, Viciano J, Capasso L. “Antropologia in archeologia”. In S Antonelli, V La Salvia, MC Mancini, O Menozzi, M Moderato, MC Somma (a cura di) *Archaeologiae Una storia al plurale: Studi in memoria di Sara Santoro*. ArchaeoPress, Oxford, **2022**, pp. 679–686. ISBN: 978-180327297-9, 978-180327104-0. <https://doi.org/10.2307/j.ctv2x1npqm>.
20. Matarazzo A., **D'Anastasio R.** Anthropometric Linear Measurements of Female Athletes in the Italian National Athletic Teams [Medidas Antropométricas Lineares de los Atletas Nacionales Femeninos Italianos]. *International Journal of Morphology*, **2022**, 40 (3), pp. 657 - 661. DOI: 10.4067/S0717-95022022000300657. ISSN: 0717-9367.
21. **D'Anastasio R.**, Moggi Cecchi J. Anatomia scheletrica e dentaria. In: *Manuale di Antropologia. Evoluzione e biodiversità umana* (Sineo L., Moggi Cecchi J. Eds). **2022**, UTET, Torino, pp. 19-44. ISBN: 978-88-6008-673-0.
22. **D'Anastasio R.**, Micarelli I. La Bioarcheologia: Paleopatologia. In: *Manuale di Antropologia. Evoluzione e biodiversità umana* (Sineo L., Moggi Cecchi J. Eds). **2022**, UTET, Torino, pp. 183-200. ISBN: 978-88-6008-673-0.
23. Capasso L., **D'Anastasio R.** Antropologia Biomedica. In: *Manuale di Antropologia. Evoluzione e biodiversità umana* (Sineo L., Moggi Cecchi J. Eds). **2022**, UTET, Torino, pp. 545-555. ISBN: 978-88-6008-673-0.
24. Boano R., **D'Anastasio R.** Reperti umani e Musei di Antropologia. In: *Manuale di Antropologia. Evoluzione e biodiversità umana* (Sineo L., Moggi Cecchi J. Eds). **2022**, UTET, Torino, pp. 585-598. ISBN: 978-88-6008-673-0.
25. **D'Anastasio R.**, Cilli J., Viciano J., Capasso L. Maxillary abnormality in the medieval Blessed friar Egidio from Laurenzana (Basilicata, southern Italy). *International Journal of Osteoarchaeology*, **2021**, 32 (1), pp. 267 - 275. DOI: 10.1002/oa.3061. ISSN: 1047-482X

26. Icaro, I., Cilli, J., **D'Anastasio R.** Preliminary report on the paleopathological research of the skeletal material from the Opi-Val Fondillo site (L'Aquila, VI-V B.C.E.). *Medicina nei Secoli*, **2021**, Vol. 4, N. 2, pp. 343-358. ISSN: 2531-7288.
27. **D'Anastasio R.**, Cilli J., Icaro I., Tanga C., Capasso L. The human remains of the funerary complex of Neferhotep (XVIIIth–XXth Dynasty, Valley of the Nobles, Luxor, Egypt): taphonomy and anthropology. *Anthropological Science*, **2021**, 129(2), pp. 223–232. DOI: 10.1537/ase.210507. ISSN: 0918-7960
28. Viciano J, Remigio M, **D'Anastasio R**, Capasso L. Anatomical variations of the foramen transversarium of cervical vertebrae from the ancient population of Herculaneum (79 CE; Naples, Italy). *Homo* 72/1 (**2021**), pp. 61–85. DOI: 10.1127/homo/2021/1309. ISSN: 0018-442X
29. Capasso L, Fenianos F, **D'Anastasio R.** The mummy of the Lebanese national hero, Youssef Bey Karam (1823-1889): an emblematic paleopathological case. *Medicina Historica* **2020**; Vol. 4, N. 3: e2020021, pp. 1-7. ISSN: 2532-2370. Corresponding author.
30. Viciano, J., Tanga, C., **D'Anastasio, R.**, Belcastro, M.G., Capasso, L. Sex estimation by odontometrics of nonadult human remains from a contemporary Italian sample. *American Journal of Physical Anthropology*, **2020**, 175(1), pp. 59–80. DOI: 10.1002/ajpa.24132. ISSN: 0002-9483
31. Tanga C, Viciano J, Monza F, **D'Anastasio R**, Capasso L. Dental palaeopathology seen through historical, archaeological and biological sources in ancient Herculaneum (79 AD, Italy). *Medicina Historica*. **2020**; Vol. 4, N. 2: e2020007, pp. 1-10. ISSN: 2532-2370.
<https://www.mattioli1885journals.com/index.php/MedHistor/article/view/9892>
32. Schmidt CW, **D'Anastasio R.** Dental Microwear Texture Analysis of late Upper Paleolithic Grotta Maritza and Grotta La Punta Adult Males. *American Journal of Physical Anthropology* **2020**, 171, pp. 252-252 (Supplement: 69). Meeting abstract. 89th Annual Meeting of the American-Association-of-Physical-Anthropologists (AAPA), Los Angeles, CA (USA), APR 15-18, 2020. ISSN: 0002-9483
33. **D'Anastasio R**, Cilli J, Viciano J, Tragnone G, Capasso L, Monza F. Le mummie del museo universitario di Chieti: tra comunicazione, musealizzazione e rispetto. *Museologia Scientifica Memorie* **2020**, 21, pp. 38-41. ISBN: 978-88-908819-4-7.
34. Ripari P, Viciano J, Mazzia, Mazzia, M, Pasquali M, Di Domizio G, Ruggieri S, **D'Anastasio R.** The anthropometric profile of Italian elite cyclists. *Gazzetta Medica Italiana Archivio per le Scienze Mediche*. **2020**, 179 (9), pp. 489-495. DOI: 10.23736/S0393-3660.19.04115-9. ISSN: 0393-3660
35. Kelly CD, Christopher W. Schmidt, **Ruggero D'Anastasio**, Chapter 8 - Dental microwear texture analysis in deciduous teeth. In: (Christopher W. Schmidt, James T. Watson Eds) *Dental Wear in Evolutionary and Biocultural Contexts*. Academic Press (Londo, UK), **2019**, pp. 169-186, ISBN: 9780128155998, <https://doi.org/10.1016/B978-0-12-815599-8.00008-3>.
36. **D'Anastasio R**, Milivojevic A, Cilli J, Icaro I, Viciano J. Anthropometric Profiles and Somatotypes of Female Volleyball and Beach Volleyball Players. *International Journal of Morphology*. **2019**, 37 (4), pp. 1480-1485. DOI: 10.4067/S0717-95022019000401480. ISSN: 0717-9367.
37. Carotenuto G, Schmidt CW, Viciano J, **D'Anastasio R.** Pseudopathological vertebral changes in a young individual from Herculaneum (79 d.C.). *Anthropologischer Anzeiger*, **2019**, 76/1, pp. 79-89. DOI: 10.1127/antranz/2019/0944. ISSN: 0003-5548. (Articolo su rivista scientifica) IF: 0.679. Citazioni:2; anni decorsi dalla pubblicazione: 5

38. Schmidt CW, Remy A, Van Sessen R, Willman J, Krueger K, Scott R, Mahoney P, Beach J, McKinley J, **D'Anastasio R**, Chiu L, Buzon M, De Gregory JR, Sheridan S, Eng J, Watson J, Klaus H, Da-Gloria P, Wilson J, Stone A, Sereno P, Droke J, Perash R, Stojanowski C, Herrmann N. Dental microwear texture analysis of *Homo sapiens sapiens*: Foragers, farmers, and pastoralists. *American Journal of Physical Anthropology*. **2019**, 169, pp. 207–226. DOI: 10.1002/ajpa.23815. ISSN: 0002-9483.
39. Monza F, Ciliberti R, **D'Anastasio R**, Licata M. Museums and human remains: Ethical issues in curating and displaying Musées et restes humains: questions éthiques liées à la conservation et à la exposition. *Éthique et santé* **2019**, 16, pp. 133—136. Doi: 10.1016/j.etiqe.2019.06.006. ISSN: 1765-4629
40. Capasso L, **D'Anastasio R**, Cilli J, Viciano J Relazione scientifica sull'intervento di restauro e conservazione del Corpo mummificato del Beato Egidio da Laurenzana. In: Il Corpo del Beato Egidio da Laurenzana (a cura di: Comune di Laurenzana, PZ) **2019** pp. 37-67. ISBN: 978-88-7947-641-6.
41. Viciano J, **D'Anastasio R**. Hemifacial microsomia (oculo-auriculo-vertebral spectrum) in an individual from the Teramo Sant'Anna archaeological site (7th–12th centuries of the Common Era, Italy). *Archives of Oral Biology* **2018**, 91, pp. 23-34. DOI: 10.1016/j.archoralbio.2018.04.004. ISSN: 0003-9969.
42. Viciano J, López-Lázaro S, **D'Anastasio R**. Dientes Fósiles de *Carcharocles megalodon*: La Colección del Museo Universitario de Chieti (Italia). Parte I: Análisis Morfométrico. Fossil teeth of *Carcharocles megalodon*: The Collection of the University Museum of Chieti (Italy). Part I: Morphometric Analysis. *International Journal of Morphology* **2018** 36(4), pp.1378-1385. DOI: 10.4067/S0717-95022018000401378. ISSN: 0717-9367
43. **D'Anastasio R**, López-Lázaro S, Viciano J. Dientes Fósiles de *Carcharocles megalodon*: La Colección del Museo Universitario de Chieti (Italia). Parte II: Análisis Paleopatológico Fossil Teeth of *Carcharocles megalodon*: The Collection of the University Museum of Chieti (Italy). Part II: Paleopathological Analysis. *International Journal of Morphology* **2018** 36(3), pp. 841-847. DOI: 10.4067/S0717-95022018000300841. ISSN: 0717-9367
44. Viciano J, López-Lázaro S, Pérez-Fernández Á, D Amores-Ampuero A, **D'Anastasio R**, Jiménez-Triguero JM. Scheuermann's disease in a juvenile male from the late Roman necropolis of Torrenueva (3rd–4th century CE, Granada, Spain). *International Journal of Paleopathology* **2017**, 18, pp. 26-37. DOI: 10.1016/j.ijpp.2017.04.003. E-ISSN: 1879-9817.
45. Viciano J, **D'Anastasio R**, D'Ovidio C, Costantini S, Carnevale A, Capasso L. Estimation of date of death through wound healing of an extraction socket: A case report. *Forensic Science International*. **2017**, vol. 275. Mar 27. pii: S0379-0738(17)30109-3, pp. 1-6. doi: 10.1016/j.forsciint.2017.03.008. ISSN: 0379-0738.
46. Viciano J, Urbani V, **D'Anastasio R**. Congenital anatomical variant of the clavicle. *Anatomical Record - Advances in Integrative Anatomy and Evolutionary Biology*. **2017** Mar 15, 300, pp. 1401-1408. doi: 10.1002/ar.23596. ISSN: 1932-8486.
47. Capasso L, Licata M, Pinto A, Fernianos F, Azizi T, Manzoli L, Centrella D, **D'Anastasio R**. A giant urinary bladder stone in the mummy of Lebanese Maronite Patriarch Joseph Tyan (1760-1820) and its environmental and nutritional implications. *Radiography* (Lond). **2017** Feb; 23(1), pp. 67-72. doi: 10.1016/j.radi.2016.11.003. ISSN: 0003-9969.
48. Cilli J, **D'Anastasio R**. A historical case of an ameloblastoma, from southern Italy. *International Journal of Paleopathology*. **2017** Mar; 16, pp. 22-26. doi: 10.1016/j.ijpp.2017.01.003. ISSN: 0003-9969.
49. Capasso L, **D'Anastasio R**, Guarnieri S, Viciano J, Mariggìo M. Bone natural autofluorescence and confocal laser scanning microscopy: Preliminary results of a novel useful tool to distinguish between

forensic and ancient human skeletal remains. *Forensic Science International* **2017** Mar; 272, pp. 87-96. doi: 10.1016/j.forsciint.2017.01.017. ISSN: 1078-8174.

50. **D'Anastasio R**, Capasso L. Microscopici segni paleopatologici [Paleopathological microscopic signs]. In: Il Centro di Microscopie dell'Università degli Studi de L'Aquila, 30 anni di attività (Ragnelli AM, Giammatteo M, Macchiarelli G eds.). Idelson Gnocchi 1908 s.r.l: Napoli. **2017**, pp. 377-395. ISBN: 978-88-7947-641-6.
51. C.W. Schimdt, Quataert R., Zalzal F., **D'Anastasio R**. Taphonomy of teeth. In: Taphonomy of Human remains. Forensic Analyses of the Dead and the Depositional Environment (Eline M. J. Schotsmans, Nicholas Márquez-Grant, Shari L. Forbes Eds.). John Wiley & Sons Ltd, **2017**. Part I, Chapter 7, pp. 92-100. ISBN: 978-1-118-95332-7.
52. Capasso L, **D'Anastasio R**, Mancini L, Tuniz C, Frayer D. New evaluation of the Castel di Guido 'hyoid'. *Journal of Anthropological Sciences* **2016** Jun 20; 94, pp. 231-235. doi: 10.4436/JASS.94021. Epub 2015 Dec 11. ISSN: 1827-4765.
53. Capasso L, Sciubba M, Hua Q, Levchenko V, Viciano J, **D'Anastasio R**, Bertuch F. Embryotomy in the 19th Century of Central Italy. *International Journal of Osteoarchaeology* **2016**, 26, pp. 345-347. DOI: 10.1002/oa.2410. ISSN: 1047-482X.
54. Scioletti M, Scioletti D, Ferrara A, Dettori S, Stefani D, Carboni R, Floris R, **D'Anastasio R**, Viciano J. Correlations among new dental and cranial measurements. *Dental Anthropology* **2016**, 29, pp. 3-15. ISSN: 1096-9411
55. Tanga C, Quintili V, Tinarelli R, **D'Anastasio R**, Viciano J. Non-masticatory dental lesions in the Samnite necropolis of Alfedena (3rd–5th centuries BCE; central-southern Italy). *Journal of Paleopathology* **2016**, 26, pp. 15-26. ISSN: 1120-0200-5
56. Cilli J, Viciano J, **D'Anastasio R**. I tatuaggi della mummia della Val Senales. Atti, Giornate di Museologia Medica (a cura di Messeri B e Manetti K). Firenze, 11-12 Novembre 2016. **2016**, pp. 162-166. ISBN: 978-88-95248-78-3.
57. Viciano J, **D'Anastasio R**, Capasso L. Timing of maxillofacial-oral injuries in an individual of the ancient city of Herculaneum (79 AD, Naples, Italy): a case report. *Dental Traumatology* **2015** Jun;31(3), pp. 215-227. doi: 10.1111/edt.12170. ISSN: 1600-9657.
58. Oakley ER, Brower RC, Schmidt CW, **D'Anastasio R**, Viciano, J. Thermal changes in the people of Herculaneum. *American Journal of Physical Anthropology* **2015**, 156, pp. 241-241 Supplement: 60. Meeting Abstract. 84th Annual Meeting of the American-Association-of-Physical-Anthropologists, St Louis, MO (USA): mar 25-28, 2015. ISSN: 0002-9483
59. Bedosti N, Landini W, **D'Anastasio R**. The increase of bony mass in a small cyprinodontidae from the messinian deposit of monte tondo (ravenna, Italy); paleoecological implications. *Atti della Società Toscana di Scienze Naturali, Memorie Serie A*. **2015** 122, pp. 5-17. DOI: 10.2424/ASTSN.M.2015.15. ISSN: 0365-7655.
60. Viciano J, **D'Anastasio R**, Capasso L. Odontometric sex estimation on three populations of the Iron Age from Abruzzo region (central-southern Italy). *Archives of Oral Biology* **2015** Jan;60(1), pp. 100-115. doi: 10.1016/j.archoralbio.2014.09.003. ISSN: 0003-9969.
61. Schmidt CW, Oakley E, **D'Anastasio R**, Brower R, Remy A, Viciano J. Herculaneum. In: The Analysis of Burned Human Remains (Schmidt C.W., Symes S.A. Eds.), Academic Press, London (UK). **2015**, pp. 149-161. DOI: 10.1016/B978-0-12-800451-7.00008-5. ISBN: 978-012800521-7; 978-012800451-7.

62. **D'Anastasio R.** Variabilità legata all'ambiente. In: Trattato di Antropologia (Capasso L. Ed.). SEU, Roma. **2015**, pp. 669-676. ISBN: 978-88-89548-89-9.
63. **D'Anastasio R.** Gli aspetti antropologici delle migrazioni umane. In: Trattato di Antropologia (Capasso L. Ed.). SEU, Roma. **2015**, pp. 809-816. ISBN: 978-88-89548-89-9.
64. **D'Anastasio R.** Variabilità diacronica: cenni sulle origini e l'evoluzione dell'uomo e sui principali aspetti evolutivi bio-culturali. In: Trattato di Antropologia (Capasso L. Ed.). SEU, Roma. **2015**, pp. 849-878. ISBN: 978-88-89548-89-9.
65. **D'Anastasio R.** Entesopatie e sindesmopatie. In: Trattato di Antropologia (Capasso L. Ed.). SEU, Roma. **2015**, pp. 801-809. ISBN: 978-88-89548-89-9.
66. **D'Anastasio R.** Cause della variabilità anatomica e funzionale. In: Trattato di Antropologia (Capasso L. Ed.). SEU, Roma. **2015**, pp. 653-663. ISBN: 978-88-89548-89-9.
67. **D'Anastasio R.** Cenni di tassonomia: la classificazione zoologica dell'uomo moderno. In: Trattato di Antropologia (Capasso L. Ed.). SEU, Roma. **2015**, pp. 36-40. ISBN: 978-88-89548-89-9
68. Remy AJ, Schmidt CW, **D'Anastasio R**, Reinhardt GA. Dental microwear texture analysis of the people of Herculaneum. *American Journal of Physical Anthropology* **2014**, 53, pp. 220-220 Supplement: 58. Meeting Abstract. 83rd Annual Meeting of the American-Association-of-Physical-Anthropologists, Calgary, Canada, Apr 08-12, 2014. ISSN: 0002-9483
69. **D'Anastasio R**, Viciano J, Di Nicola M, Cesana DT, Sciubba M, Del Cimmuto M, Paolucci A, Fazio A, Capasso L. Estimation of sex from the hyoid body in skeletal individuals from archeological sites. *Homo - Journal of Comparative Human Biology* **2014** Aug; 65(4), pp. 311-21. doi: 10.1016/j.jchb.2014.01.002. ISSN: 0018-442X.
70. **D'Anastasio R**, Capasso L, Pallozzi B. Analisi, restauro e conservazione in atmosfera inerte di reperti fossili piritizzati: il coccodrillo (*Cocrodilus* crf. *Vicetinus*) di Cornedo Vicentino (Eocene Medio). *Museologia Scientifica Memorie* **2014**, 11, pp. 131-135. ISSN: 1972-6848.
71. **D'Anastasio R**, Wroe S, Tuniz C, Mancini L, Cesana DT, Dreossi D, Ravichandiran M, Attard M, Parr WC, Agur A, Capasso L. Micro-biomechanics of the Kebara 2 hyoid and its implications for speech in Neanderthals. *PLoS One*. **2013** Dec 18;8(12):e82261, pp. 1-7.. doi: 10.1371/journal.pone.0082261. ISSN: 1932-6203.
72. **D'Anastasio R**, Cesana DT, Viciano J, Sciubba M, Nibaruta P, Capasso L. The possible correlation between dental enamel hypoplasia and a historic natural disaster in the Roman population of Herculaneum (79 AD - central Italy). *Anthropologischer Anzeiger* **2013**, 70(4), pp. 369-83. DOI: 10.1127/0003-5548/2013/0312. ISSN: 0003-5548.
73. Capasso L., Pallizzi A, Milia L, **D'Anastasio R**. *Archaeoovulus palenae*, N. Gn., N. Sp. (Icnofossilia): A fossil amphibious ootheca from the pre-evaporitic Messinian site of Capo di Fiume, Palena (Abruzzo) | [Archaeoovulus palenae, N. GN., N. SP. (Icnofossilia): Ooteca fossile di anfibio del messiniano pre-evaporitico di capo di fiume, presso palena (Abruzzo)] *Atti della Società Toscana di Scienze Naturali, Memorie Serie A* **2013**, 120, pp. 25-38. DOI: 10.2424/ASTSN.M.2013.11. ISSN: 0365-7655
74. Sciubba M, Paolucci A, **D'Anastasio R**, Capasso L. Paleopathology of Herculaneum's population (79 D.C.). *Medicina nei Secoli* **2013**, 25(1), pp. 85-99. ISSN: 0394-9001
75. Viciano J, López-Lázaro S, Cesana DT, **D'Anastasio R**, Capasso L. Multiple traumatic dental injuries: A case report in a young individual from the Samnitic necropolis of Opi Val Fondillo (VI-V century

BC; Central Italy). *Journal of Archaeological Science* **2012** 39(2), pp. 566-572. DOI: 10.1016/j.jas.2011.10.030. ISSN: 0305-4403.

76. Viciano J, Alemán I, **D'Anastasio R**, Capasso L. Alternative dental measurements: correlation between cervical and crown dimensions. *Journal of Biological Research (Italy)* **2012** 85(1), pp. 194-200. DOI: 10.4081/jbr.2012.4105. ISSN: 1826-8838

77. Di Fabrizio A, Paolucci A, Capasso L, **D'Anastasio R**, Del Cimmuto M, Fazio A, Cesana D, Sciubba M. Scientific research in the University Museum of Chieti. *Atti della Società Toscana di Scienze Naturali, Memorie Serie B* **2012** 119, pp. 123-128. DOI: 10.2424/ASTSN.M.2012.19. ISSN: 03657450.

78. Cesana DT, **D'Anastasio R**, Milia ML, Paolucci A, Del Cimmuto M, Fazio A, Sciubba M, Vitullo G, Capasso L. Multiple circle-shaped lesions on two individuals from the preroman necropolis of Bazzano (Aq - Central Italy). *Journal of Biological Research (Italy)* **2012** 85(1), pp. 227-228. DOI: 10.4081/jbr.2012.4119. ISSN: 1826-8838.

79. Gallenga PE, Neri G, **D'Anastasio R**, Pettorrossi VE, Alfieri E, Capasso L. Michelangelo's eye disease. *Medical Hypotheses*. **2012** Jun;78(6), pp. 757-759. doi: 10.1016/j.mehy.2012.02.024. ISSN: 0306-9877.

80. Capasso L, Vecchiet J, **D'Anastasio R**. The abdominal typhus outbreak in Civitella del Tronto (Teramo, Italy) during the first half of 1817. *Igiene e Sanità Pubblica* **2012** Mar-Apr;68(2), pp. 303-312. ISSN: 0019-1639.

81. **D'Anastasio R**, Capasso L, Cesana D. Le collezioni paleopatologiche del Museo universitario di Chieti. *Atti delle Giornate di Museologia Medica. La collezioni di Paleopatologia e Anatomia Patologica*, Chieti 9 novembre **2012**. èDICOLA editrice, Chieti: 2012, pp. 35-40.

82. Viciano J, Alemán I, **D'Anastasio R**, Capasso L, Botella MC. Odontometric sex discrimination in the Herculaneum sample (79 AD, Naples, Italy), with application to juveniles. *American Journal of Physical Anthropology* **2011** May;145(1), pp. 97-106. doi: 10.1002/ajpa.21471. ISSN: 0002-9483

83. **D'Anastasio R**, Staniscia T, Milia ML, Manzoli L, Capasso L. Origin, evolution and paleoepidemiology of brucellosis. *Epidemiology & Infection* **2011** Jan;139(1), pp. 149-156. doi: 10.1017/S095026881000097X. ISSN: 0950-2688.

84. Cesana DT, Paolucci A, Nibaruta P, **D'Anastasio R**. I resti scheletrici umani di Santa Maddalena (Castel Di Sangro, L'Aquila): testimonianze di un recente passato. *Archivio per L'Antropologia e la Etnologia* **2011**, CXLI, pp. 1-15. ISSN: 0373-3009

85. **D'Anastasio R**, Cesana D. L'abitato di Castelluccia. Dati antropologici. In a cura di A. Campanelli "Dopo lo tsunami. Salerno antica" Catalogo della mostra. Ed. Arte'm, Salerno, **2011**, pp. 126-133. ISBN: 8856902001

86. Capasso L, **D'Anastasio R**. Relazione sullo Stato di Conservazione dei resti biologici di S. Zopito. In: (Gredo ed.) Il famoso Zòpiro detto S. Zopito. **2011**. Arti grafice Cantagallo, Penne.

87. Capasso L, Manzoli L, **D'Anastasio R**. Storia delle epidemie di peste in Abruzzo. *L'igiene Moderna*, **2011**, 2, pp. 37-45, ISSN: 0019-1655.

88. **D'Anastasio R**, Di Silvestro G, Versacci P, Capasso L, Marino B. The heart of Santa Rosa. *Lancet*. **2010** Jun 19; 375(9732), p. 2168. doi: 10.1016/S0140-6736(09)60729-7. ISSN: 0140-6736.

89. de Buffrénil V, Canoville A, **D'Anastasio R**, Domning DP. Evolution of sirenian pachyosteosclerosis, a model-case for the study of bone structure in aquatic tetrapods. *Journal of Mammalian Evolution* **2010** 17(2), pp. 101-120. DOI: 10.1007/s10914-010-9130-1. ISSN: 1064-7554.

90. **D'Anastasio R**, Versacci P, Capasso L, Marino B. 2010. No proof that Santa Rosa heart thrombus was antemortem (Reply) *Lancet* **2010**, 376(9746), p. 1052. DOI: 10.1016/S0140-6736(10)61484-5. ISSN: 0140-6736.
91. Festa F, Capasso L, **D'Anastasio R**, Anastasi G, Festa M, Caputi S, Tecco S. Maxillary and mandibular base size in ancient skulls and of modern humans from Opi, Abruzzi, Italy: a cross-sectional study. *World Journal of Orthodontics*. **2010** Spring;11(1), pp. e1-4. ISSN: 1530-5678.
92. **D'Anastasio R**, Zipfel B, Moggi-Cecchi J, Stanyon R, Capasso L. Possible brucellosis in an early hominin skeleton from Sterkfontein, South Africa. *PLoS One* **2009** Jul 30;4(7), e6439, pp. 1-5. doi: 10.1371/journal.pone.0006439. ISSN: 1932-6203.
93. **D'Anastasio R**, Messina A, Angelini LR, Capasso L. Paleobiologia della popolazione protostorica di Comino (X – IX Sec. a.C., Italia centrale): note preliminari. *Archivio per l'Antropologia e la Etnologia* **2009**, CXXXIX, pp. 181-192. ISSN: 0373-3009
94. Cesana DT, Paolucci A, Angelini LR, Milia ML, **D'Anastasio R**. Multiple weapon trauma in an adult individual from the medieval necropolis of Monte D'Argento (XI-XV A.D. – Central Italy). *Journal of Paleopathology* **2009**, 21, pp. 15-24. ISSN: 1120-0200-5
95. **D'Anastasio R**, Vitullo G, Paolucci A, Michetti E. A paleopathological case of echinococcus cyst. *Journal of Paleopathology*, **2008**, 20 (1-3), pp. 67-73. ISSN: 1120-0200-5
96. Capasso L, **D'Anastasio R**. I rettili del sito paleontologico di Pietraraja. Atti del 1° Congresso della Societas Herpetologica Italica, sezione Abruzzo. A cura di: Carafa M., Di Francesco N., Di Tizio L., Pellegrini M. Casa Editrice Talea Edizioni, Atessa (Chieti). **2008**, pp. 119-127. ISSN: 1123-1246; ISBN: 978-88-97189-57-2
97. Capasso L, Michetti E, **D'Anastasio R**. A Homo erectus hyoid bone: possible implications for the origin of the human capability for speech. *Collegium Antropologicum* **2008**, 32, pp. 1004-1011. ISSN: 0350-6134.
98. **D'Anastasio R**, Vitullo G. Gli inumati della necropoli sannita di Opi-Val Fondillo (VII-V sec. a.C., L'Aquila): rilievi antropologici e paleopatologici. *International Journal of Anthropology*, numero speciale. Atti del XVII Congresso AAI, Cagliari. **2008**, pp. 148-156. ISSN: 0393-9383
99. **D'Anastasio R**, Vitullo G. Un caso paleopatologico di cisti da echinococco. *International Journal of Anthropology*, numero speciale. Atti del XVII Congresso AAI, Cagliari. **2008**, pp. 414-418. ISSN: 0393-9383
100. **D'Anastasio R**. Perimortem weapon trauma in an adult male skeleton from the Italic necropolis of Opi Val Fondillo (VI-V century BC; Central Italy). *Anthropologischer Anzeiger*. Jg. **2008**, 66 (4), pp. 385-394. ISSN: 0003-5548. DOI: 10.1127/aa/66/2008/385.
101. Ripari P, Di Blasio A, Di Iorio A, Albanese R, **D'Anastasio R**, Capasso L. Somatotype and performance in a sedentary group of young people. [Somatotipo e prestazione in un gruppo di giovani sedentari]. *Medicina dello Sport*. Federazione Medico Sportiva Italiana, Edizioni Minerva Medica, Torino. **2008**, 61, pp. 357-363. ISSN: 0025-7826.
102. Scapinelli R, **D'Anastasio R**, Capasso L. Harris Lines in the Long Bones of the Limbs. *Journal of Paleopathology* **2007**, 19(1-3), pp. 73-80. ISSN: 1120-0200-5

103. Cecconi E, Mallegni F, **D'Anastasio R**. Endocranial lesions in a subadult of the cemetery of San Sebastiano's Church, Saluzzo, Piedmont, Italy (XV century). *Journal of Paleopathology* **2007**, 19(1-3), pp. 11-18. ISSN: 1120-0200-5
104. **D'Anastasio R**. Epidemiologia e filogenesi delle forme idiopatiche di iperostosi. Lo studio delle ossa. *Metodologie della Medicina e dell'Antropologia*, Artestampa Edizioni, Varese. **2007**, pp. 37-53.
105. **D'Anastasio R**, Capasso L. Microbiological food contamination and status of health at Herculaneum (1st century AD, Southern Italy). *European Journal of Inflammation* **2007**, 5(3), pp. 165-169. DOI: 10.1177/1721727X0700500308. ISSN: 1721-727X.
106. Capasso L, **D'Anastasio R**. Relazione scientifica dei Proff Luigi Capasso e Ruggero D'Anastasio sullo stato di conservazione dei resti biologici di San Zopito. Lacerba bis, Suppl. al n. 5 d Lacerba, Loreto Aprutino (PE), **2007**.
107. **D'Anastasio R**, Scarano G, Capasso L. **Violenza e vilipendio del cadavere nell'Italia meridionale di 4000 anni fa**. *Archivio per L'antropologia e la Etnologia* **2006** CXXXVI, pp. 103-117. ISSN: 0373-3009. Tipografia Latini, Firenze.
108. **D'Anastasio R**. La testa mummificata del fanciullo di Celano. In: Mummie: un archivio biologico. A cura di Di Fabrizio A. Edigrafital s.r.l., Teramo. **2006**, pp. 27-29.
109. **D'Anastasio R**. Vent'anni di studi sulle mummie a Chieti. In: Mummie: un archivio biologico. A cura di Di Fabrizio A. Edigrafital s.r.l., Teramo. **2006**, pp. 35-56.
110. **D'Anastasio R**. Un Museo per il territorio. Majella, Ecoesse Roccamontepiano (CH). **2006**, pp. 25-33.
111. **D'Anastasio R**, Vezzosi A, Gallenga PE, Pierfelice L, Sabato A, Capasso L. Anthropological analysis of Leonardo da Vinci's fingerprints. *Anthropologie* **2005**, XLIII/1, pp. 57-61. ISSN: 0323-1119. Moravian Museum, Brno, Czech Republic.
112. Capasso L, Di Fabrizio A, Michetti E, **D'Anastasio R**. Die Flüchtlinge am Strand. Die Untersuchungen der Skelette aus den Bootshäusern. In: Verschüttet vom Vesuv. Die letzten Stunden von Herculaneum (Mühlenbrock J., Richter D., Richter J. Eds.) (Buchhandelseusgabe); (Museumseusgabe), Mainz Am Rhein: Verlag Philipp von Zabern. **2005**, pp. 45-55. ISBN: 3-8053-3543-1
113. **D'Anastasio R**, Capasso L, Michetti E. Il microscopio confocale nello studio di antiche ossa umane. Atti della II giornata di Studio, 4 maggio 2002: Lo studio delle ossa, metodologie della medicina e dell'antropologia. Università degli Studi dell'Insubria. **2005**, 24(2000-2003), pp. 35-40. ISSN: 0559-9628. Grafica Essezeta, Varese.
114. **D'Anastasio R**. L'autofluorescenza come nuovo possibile metodo di datazione assoluta dell'osso umano antico. Atti del XV Congresso degli Antropologi Italiani, Chieti. **2005**, pp. 195-202. Edigrafital, Teramo.
115. **D'Anastasio R**, Capasso L. Ricognizione, Analisi, Restauro e Studio Antropologico delle Reliquie del Santo. In: Santo Stefano del Lupo (a cura di Don Mario Fangio). Studio Artemide, Isernia. **2005**, pp. 51-84.
116. **D'Anastasio R**, Capasso L. Idiopathic Hyperostosis: Epidemiology and Phylogeny. *Journal of Paleopathology*. **2004**, 16(3): 133-145. ISSN: 1120-0200. Edigrafital, Teramo.
117. **D'Anastasio R**, Capasso L, Scapinelli R, Di Tota G. Intervertebral Disk Herniation and Erect Posture. *Journal of Paleopathology*. **2004**, 16(2), pp. 99-100. ISSN: 1120-0200. Edigrafital, Teramo.

118. **D'Anastasio R**, Capasso L. Adattamento umano. In: Lineamenti di Antropologia per le Scienze Motorie (Chiarelli B, Bigazzi R, Sineo L. Eds). ISBN: 88-299-1712-5. PICCIN, Padova. **2004**: 240-295.
119. **D'Anastasio R**, Di Fabrizio A, Capasso L. Considerazioni storiche e biologiche sull'evoluzione del virus del vaiolo. In: Il vaiolo e la vaccinazione in Italia (Tagarelli A, Piro A, Pasini W.) La Pieve Poligrafica Ed. Villa Verrucchio S.r., Rimini. **2004**, pp. 433-447. ISBN: 88-88358-16-1.
120. **D'Anastasio R**, Capasso L. Post-microtraumatic cervical osteoarthritis in a cretaceous dinosaur [Artrosi cervicale post-microtraumatica in un dinosauro cretaceo]. *Reumatismo*. **2004**, 56 (2), pp. 126-130. ISSN: 0048-7449.
121. **D'Anastasio R**, Di Tota G, Capasso L. Gli inumati della necropoli di Monte D'Argento (XI-XV sec. d. C., Minturno, Latina): rilievi antropologici e paleopatologici. *Archivio per L'Antropologia e la Etnologia*. **2004**, CXXXIV, pp. 127-150. ISSN: 0373-3009. (*Artic*)
122. **D'Anastasio R**, Capasso L. Aspetti morfologici delle sindesmosi costo-clavicolare: valutazione nell'antica popolazione di Opi-Val Fondillo (L'Aquila, VI-V sec. a. C.). *Archivio per L'Antropologia e la Etnologia*. **2004**, CXXXIV, pp. 211-221. ISSN: 0373-3009.
123. **D'Anastasio R**, Capasso L. Ötzi. L'uomo del Similaun. Antropologia, Paleopatologia, Conservazione. Atti del Convegno: La montagna come esplorazione permanente (Seste Fiorentino, 12-19 ottobre 2002). Edizioni Regione Toscana, Firenze. **2004**, pp. 135-146. EAN: 2560752070914.
124. Capasso L, Pierfelice L, Michetti E, Di Fabrizio A, **D'Anastasio R**. Lesions linked to athletic activities in the ancient Roman population from Herculaneum (Italy. First century AD.). *Anthropologie* **2004**, XLII/2, pp. 181-187. ISSN: 0323-1119.
125. **D'Anastasio R**, Capasso L. Paleopatologia della mummia di Santa Rosa da Viterbo (XIII sec. a.C.). *Archivio per L'Antropologia e la Etnologia*. **2003** CXXXIII, pp.1-10. ISSN: 0373-3009.
126. Capasso L, **D'Anastasio R**, Pierfelice L, Di Fabrizio A, Gallenga PE. Roman conquest, life span, and diseases in ancient Italy. *Lancet* **2003**, 362(9384), p. 668. ISSN: 0140-6736. DOI: 10.1016/S0140-6736(03)14175-X.
127. **D'Anastasio R**, Pierfelice L, Di Fabrizio A, Capasso L. The cessation of tooth replacement in an aged tyrannosaurs. *Journal of Paleopathology*. **2002**, 14 (3), pp. 133-137. ISSN: 1120-0200.
128. **D'Anastasio R**, Michetti E, Pierfelice L. *Appunti di Antropologia*. **2002**. Rendina Editori snc.: Roma.
129. Capasso L, Michetti E, Pierfelice L, D'Anastasio R. **Neurosurgery 7000 years ago in central Italy**. *Lancet*. **2002**, 359(9324), p. 2206. DOI: 10.1016/S0140-6736(02)09084-0. ISSN: 0140-6736.
130. Ottini L, Di Tota G, Mariani-Costantini R, Angeletti LR, La Verghetta M, Capasso L, Di Fabrizio A, **D'Anastasio R**. Evidence of a forearm fracture in a young victim of the 79 AD Vesuvium eruption. *Journal of Paleopathology*. **2001**, 13(3),pp. 23-26. ISSN: 1120-0200.
131. **D'Anastasio R**, Capelli A, Caramiello S, Capasso L. Paleopathology of the mummy of Santa Rosa from Viterbo (Central Italy, XIII Century AD). XIIIth European Meeting of the Paleopathology Association, 18-23 settembre 2000. Proceedings, edited by Mirella La Verghetta and Luigi Capasso. Edigrafital S.p.A., Teramo. **2001**, pp. 85-89.
132. **D'Anastasio R**, Capasso L. Determinazione del sesso e dell'età alla morte per indagini paleodemografiche. *Rivista di Storia della Medicina* **2001**, Anno XI, NS (XXXII) Fasc. 1, pp. 15-28. ISSN: 0035-6565.

133. Capasso L, **D'Anastasio R**, Michetti E. The use of the confocal microscope in the study of ancient human bones. *Anthropologie*. **2001**, XXXIX/2, pp. 119-124. ISSN: 0323-1119.
134. Capasso L, **D'Anastasio R**. Dental Caries in *Gigantopithecus blaki*, Late Pliocene, South China. *Archivio per L'Antropologia e la Etnologia*. **2001**, CXXXI, pp. 81-87. ISSN: 0373-3009.
135. **D'Anastasio R**, Capasso L. I resti scheletrici di Monte Salviano. Atti del II Convegno di Archeologia: il Fucino e le aree limitrofe nell'antichità. Museo di Preistoria, Celano- Paludi; 26/28 novembre 1999. Stampa LCL Avezzano, Impaginazione e fotolito G. Grossi DVG/Studio, Avezzano. **2001**, pp. 105-109.
136. Capasso L, Capasso L, Di Domenicantonio L, **D'Anastasio R**, Caramiello S, Di Nardo F, Di Fabrizio A, La Verghetta M. (2000). Paleobiology of Herculaneum's population (79 A.D.) [Paleobiologia della popolazione di Ercolano (79 d.C.)]. *Recenti Progressi in Medicina*. **2000**, 91(6), pp. 288-296. ISSN: 0034-1193.
137. **D'Anastasio R**, Di Domenicantonio L, Pietrangelo F, Capasso L. Paleopatologia dei fibroleiomiomi: fonti dirette e indirette. *Giornale di Medicina Militare* **1999**, Anno 149°, Fasc. n. 5-6, pp. 223-226. ISSN: 0017-0364.
138. Ranaldi F, Fiusco AR, Giachetti E, Vanni P, **D'Anastasio R**, Capasso L. Proteine da fibroleiomioma uterino calcificato. *Giornale di Medicina Militare* **1999**, Anno 149°, Fasc. n. 5-6, pp. 227-228: ISSN: 0017-0364.
139. Di Domenicantonio L, **D'Anastasio R**, Catalano P, Mariani Costantini R, Capasso L. La trapanazione del cranio nell'antica Roma: tre casi paleopatologici in Italia. *Giornale di Medicina Militare* **1999**, Anno 149°, Fasc. n. 5-6, pp. 237-241. ISSN: 0017-0364.
140. Capasso L, Caramiello S, **D'Anastasio R**. The Anomaly of Santa Rosa. *Lancet* **1999**, 353(9151), p. 504. ISSN: 0140-6736.
141. Capasso L, La Verghetta M, **D'Anastasio R**. L'Homme du Similaun: une synthèse anthropologique et paléothnologique. *L'Anthropologie*. **1999**, 103(3), pp. 447-470. ISSN: 0003-5521.
142. Di Domenicantonio L, **D'Anastasio R**, Capasso L. Paleobiologia dei Longobardi in Abruzzo: Nota preliminare. *Quaderno 30. Museo delle Genti D'abruzzo*. **1999**, 30, pp. 75-97. ISSN: 1593-3865.
143. Capasso L, **D'Anastasio R**. Museo di Storia delle Scienze, nuovi allestimenti raccontano le origini della vita e le malattie. *Cosmos news*. Chieti. **1999**.
144. **D'Anastasio R**. Una rete tra i musei, innovativo strumento tecnologico. *Cosmos news*. Chieti. **1999**.
145. **D'Anastasio R**, Di Domenicantonio L, Capasso L. The Water Content of the Val Senales Mummy (Tyrol, Copper Age). *Anthropologie*. **1998**, XXXVI/3, pp. 269-273. ISSN: 0323-1119.
146. Capasso L, Verginelli F, Caramiello S, Palmirota R, **D'Anastasio R**, Mariani-Costantini R. (1998). Identificazione e diagnosi molecolare di condizioni patologiche in reperti scheletrici umani antichi. In: Il DNA nello studio dei resti umani antichi. Principi, metodi, applicazioni (Franco Rollo Ed.). Medical Books: Palermo. **1998**, pp. 69-84.
147. Gallenga PE, Mariani-Costantini R, Capasso L, De Pompeis C, **D'Anastasio R**, Battista P, Palmirota R, Verginelli F, De Pompeis E, Ciancetta A. Storia del popolamento umano nella provincia di Pescara, genetica degli scheletri di antiche sepolture con corredi longobardi e della popolazione attuale. *Cosmos news* **1998**, anno1 – N.2, p. 6. Chieti.

148. Capasso L, Caramiello S, La Verghetta M, Di Domenicantonio L, **D'Anastasio R.** Lice and related skull lesions in a female subject from Herculaneum (79 AD, South Italy). *Journal of Paleopathology* **1997**, 9(3), pp. 125-135. ISSN: 1120-0200.
149. Di Domenicantonio L, **D'Anastasio R.** Generalità sulle infezioni ossee in Paleopatologia. *Bollettino della Società Italiana di Paleopatologia* **1997**, 1, pp. 55-60. Edigrafital, Teramo.
150. Pietrangelo F, **D'Anastasio R.** Prima segnalazione di un caso di tubercolosi ossea in un soggetto di epoca etrusca. *Bollettino della Società Italiana di Paleopatologia*, **1997**, 1, pp. 93-100.
151. Violante B, Iacone A, **D'Anastasio R**, Fiordaliso MR, Bonfini T, D'Antonio D. Le infezioni microbiologicamente documentate da catetere venoso centrale. *Bollettino di Microbiologia e Indagini di Laboratorio News* **1996**, 2(2-3), pp. 39-42. ISSN: 1590-5705.

SCIENTIFIC RESEARCH

Ability to attract competitive national research funding as Principal Investigator or project lead. Scientific responsibility for national research projects funded through competitive, peer-reviewed calls.

1. **Funding – Ministry of Foreign Affairs and International Cooperation (Italy)**
Project: *Neferhotep Project: excavation and 3D documentation*
 In collaboration with the Chair of Egyptology at the University of Buenos Aires, the National Museum of Rio de Janeiro (Egyptology Section), the PROCon restoration team (Cologne), and the Archaeology Section of the “G. d’Annunzio” University of Chieti-Pescara (funding renewed over multiple years).
Role: Head of the Anthropology Operational Unit – Ruggero D’Anastasio
Principal Investigator: Prof. Oliva Menozzi
Period: 01/01/2008 – present
2. **Elettra-Sincrotrone Trieste S.C.p.A.**
Proposal No.: 20095041
Project: *Comparative histological and biomechanical analysis of hyoid bones in modern and fossil primates: implications for the origin of human speech*
Principal Investigator: Ruggero D’Anastasio
Period: 01/01/2009
3. **Elettra-Sincrotrone Trieste S.C.p.A.**
Proposal No.: 20100230
Project: Same as above
Principal Investigator: Ruggero D’Anastasio
Period: 01/01/2010
4. **PRIN 2008**
Project: *Studying the past with new technologies to understand the present: analysis of ancient landscape assessment within the modern territorial context* (Code: 2008PJ4T77_002)
Role: Co-Scientific Coordinator (with Prof. Oliva Menozzi)
Period: 23/03/2010 – 22/09/2012
5. **Funding – Ministry of Foreign Affairs (MAE), Archaeological Missions – Libya 2013**
Project: *Excavation, documentation, and restoration of the Cyrene necropolis*
Role: Head of Anthropology Operational Unit – Ruggero D’Anastasio
Principal Investigator: Prof. Oliva Menozzi
Period: 01/01/2013 – 31/12/2013
6. **Funding – MAE, Libya 2013**
Project: *New technologies in archaeological research and restoration in the sites of Lamluda and the Cyrene necropolis (Libya)*

- Role:** Head of Anthropology Operational Unit
Period: 01/01/2013 – 31/12/2013
7. **Elettra-Sincrotrone Trieste S.C.p.A.**
Proposal No.: 20140289
Project: *Comparative histomorphometric and biomechanical analysis of hyoid bones in modern and fossil hominins*
Principal Investigator: Ruggero D’Anastasio
Period: 01/01/2014
8. **Funding – MAE, Libya 2014**
Project: *New technologies for mapping, excavation, diagnostics, and restoration in the Cyrene necropolis (Libya)*
Role: Head of Anthropology Operational Unit
Period: 01/01/2014 – 31/12/2014
9. **Funding – MAE, Libya 2015**
Project: *Remote sensing, training, and non-invasive diagnostics for monitoring risk areas in the Cyrene region (Libya)*
Role: Head of Anthropology Operational Unit
Period: 01/01/2015 – 31/12/2015
10. **Funding – MAE, Cyprus 2016**
Project: *MPM Project: excavations, surveys, and underwater archaeology for territorial reconstruction*
Role: Head of Anthropology Research Group – Ruggero D’Anastasio
Research Unit Head: Oliva Menozzi
Period: 01/01/2016 – 31/12/2016
11. **“G. d’Annunzio” University Foundation**
Project: *Taxonomic classification of skeletal remains through histomorphometric analysis of bone tissue: applications in forensic anthropology*
Principal Investigator: Ruggero D’Anastasio
Year: 2018
12. **European Union Funding**
Project: *Living forever the Past through a 3Digital world*
Call: DIGITAL-2023-CLOUD-DATA-AI-05
Topic: DIGITAL-2023-CLOUD-DATA-AI-05-CULTURAL HERITAGE
Role: Responsible for digitization and enhancement of anthropological remains
Period: 01/10/2024 – 01/04/2026

ORGANIZATION, MANAGEMENT, AND COORDINATION OF RESEARCH GROUPS

Since 2008, he has coordinated the research group of the Anthropology Operational Unit (UOA) at the “G. d’Annunzio” University.

The group focuses on anthropological and paleopathological analysis of skeletal collections housed at the UOA, comprising over 2,000 skeletons from archaeological contexts ranging from the Upper Paleolithic to the Middle Ages.

Research activities involve both national and international collaborations. The group currently includes one PhD candidate and three undergraduate students, supported by a laboratory equipped with:

- Anthropological instruments for morphological and osteometric analysis
- A diamond-blade microtome for histological sections of bones and teeth
- Two stereomicroscopes and a transmitted-light microscope for histological analysis
- An XRF spectrometer
- A portable Surface Monitor system for surface chemical analysis

FUNDED RESEARCH PROJECTS (GROUP PARTICIPATION)

1. **Aufinum Project (Capestrano)** – Excavation, survey, and territorial analysis in collaboration with the Archaeological Superintendency and the Italian Ministry of Culture.
2. **UniCh Archaeological Mission in Libya** – Surveys, excavations, territorial studies, and artifact analysis in Cyrene, Lamluda, and Ptolemais, in collaboration with the Libyan Department of Antiquities and funded by the Ministry of Foreign Affairs.
3. **Kouris Valley Survey Project (Cyprus)** – Territorial study of the middle Kouris River Valley, in collaboration with the Universities of Florence and Turin and the Department of Antiquities of Cyprus.
4. **MPM Project (Cyprus)** – Survey and excavation project in collaboration with the Department of Antiquities of Cyprus and the Cyprus American Archaeological Research Institute in Nicosia.
5. **Neferhotep Project** – Excavation and 3D documentation project in collaboration with international academic and museum institutions, including the University of Buenos Aires and the National Museum of Rio de Janeiro.

EDITORIAL ACTIVITIES AND SCIENTIFIC COMMITTEES

Direction or participation in editorial boards of journals, book series, encyclopedias, and major scientific works

1. Contributed to the volume:
Chiarelli B., Bigazzi R., Sineo L. (Eds.), *Foundations of Anthropology for Motor Sciences*. 2004, Piccin Nuova Libreria, Padua. ISBN: 88-299-1712-5
2. Contributed to the volume:
Mühlenbrock J., Richter D., Richter J. (Eds.), *Buried by Vesuvius: The Last Hours of Herculaneum*. 2005, Verlag Philipp von Zabern, Mainz. ISBN: 3-8053-3445-1 (book edition); ISBN: 3-8053-3543-1 (museum edition)
3. From 1995 to 2014: Collaborator in the editorial activities of the *Journal of Paleopathology* (ISSN: 2465-3071)
4. Contributed to the treatise:
Capasso L. (Ed.), *Treatise of Anthropology*. 2015, Società Editrice Universo, Rome. ISBN: 978-88-89548-89-9
5. Since 2015: Section Editor of the *Journal of Paleopathology* (ISSN: 2465-3071)
6. Contributed to the treatise:
Schmidt C.W., Symes S.A. (Eds.), *The Analysis of Burned Human Remains (Second Edition)*. 2015, Academic Press (Elsevier)
7. Since 2020: Member of the Promoting and Scientific Committee of the web magazine *University Heritage*, promoted by the Network of Italian University Museums
8. Contributed (also as Section Editor) to:
Sineo L., Moggi Cecchi J. (Eds.), *Manual of Anthropology: Evolution and Human Biodiversity*. 2022, UTET, Turin. ISBN: 978-88-6008-673-0
9. Reviewer for the following peer-reviewed scientific journals:
 - *Journal of Science in Sport and Exercise*
 - *HOMO*
 - *International Journal of Osteoarchaeology*
 - *Medicina Historica*
 - *Journal of Archaeological Science: Reports*
 - *Journal of Archaeological Science*
 - *Scientific Reports*

10. Member of the Editorial Board of the *Journal of Bioarchaeological Research* (Section of Physical Anthropology, Mattioli 1885)
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PATENTS

1. **European Patent**

Inventors: Luigi Capasso, Ruggero D'Anastasio (26/04/2011)

Title: *Shrine with an inert and stable closed microclimate, particularly for the definitive preservation of mummified organic remains, and related preservation method*

Patent No.: 11156807.7-2103 – “G. d'Annunzio” University of Chieti-Pescara

The European patent was abandoned in 2014; the Italian patent procedure is currently ongoing. It introduces an innovative method for preserving mummified remains using airtight display cases with controlled atmospheres (anhydrous nitrogen, low humidity, antimicrobial and antifungal vapors).

Period: 26/04/2011 – present

2. **European Patent**

Inventors: Luigi Capasso, Ruggero D'Anastasio (24/04/2012)

Title: *Method of absolute dating of bone finds*

Patent No.: 12157634.2-1234 – “G. d'Annunzio” University of Chieti-Pescara

The patent proposes a novel absolute dating method for human skeletal remains based on the quantification of natural fluorescence intensity emitted by bone tissue, inversely proportional to the sample's age.

Period: 24/04/2012 – present

NATIONAL RECOGNITION AND PROFESSIONAL ROLES

1. Since 2008: Member of the Italian Anthropological Association (AAI), a non-profit scientific organization promoting research, teaching, and collaboration in anthropological sciences at national and international levels.
2. 2009–2012: Member of the Board of Directors of the Museum of the History of Biomedical Sciences, “G. d'Annunzio” University of Chieti-Pescara.
3. 2013–2016: Member of the Scientific Committee of the University Museum, University of Chieti-Pescara.
4. 2020–2024: Member of the Board of Directors of the Italian Anthropological Association.
5. Since 2021: Member of the Board of the University Council of Anthropology (CUA), representing academic staff in the BIO/08 disciplinary sector.
6. Since 2021: Member of the Federation of Italian University Councils of Archaeology.
7. 2022–2024: Member of the Board of Directors of the University Museum, “G. d'Annunzio” University of Chieti-Pescara.
8. 2022–2024: Coordinator of the Scientific Committee of the University Museum, “G. d'Annunzio”.
9. Since 2024: Director of the University Museum, “G. d'Annunzio” University of Chieti-Pescara, an autonomous university center open to the public, equipped with specialized facilities, laboratories, and staff.

PARTICIPATION AS A SPEAKER AT NATIONAL CONFERENCES

Participation in national conferences and symposia as a speaker

1. **D'Anastasio R.** Viaggio tra alimentazione energetica, integratori e cure naturali nel Mondo Antico. Congresso Nazionale “La nutrizione come risorsa culturale interdisciplinare: tra passato e futuro. Società Italiana di Aggiornamento Medico Scientifico e di Formazione. 27 marzo 2026, Università “G. d’Annunzio”, Chieti-Pescara.
2. **D'Anastasio R.**, Di Felice A., Cilli J. Resti umani e storie nascoste. Antropologia e Paleopatologia di Iuvanum. LIVING forever the PAST through a 3Digital world. Dall’archeologia al metaverso. 26 marzo 2026, Università “G. d’Annunzio”, Chieti-Pescara.
3. Arianna Di Felice, **R. D'Anastasio**, J. Cilli, L. Capasso. The Mummified Head of the Child from Celano: A Case Study of 17th Century Natural Mummification. PhD Day AIAR – Roma, Centro Ricerche Enrico Fermi, 2 ottobre 2025
4. **R. D'Anastasio**, A. Di Fabrizio, A. Paolucci, M. Del Cimmuto, A. Di Felice, M. Dell’Aquila, J. Cilli. Testimonianze di malattie nel passato: la collezione paleopatologica del Museo universitario dell’Università “G. D’Annunzio” di Chieti- Pescara. 34° Convegno ANMS. Padova, 14-16 ottobre 2025
5. Michele Dell'Aquila, Jacopo Cilli, Arianna Di Felice, **Ruggero D'Anastasio**. The Roman Conquest and the Epidemiological Transition in Italic Populations of the Abruzzo Region: preliminary data. Congresso AAI – UZI. Cagliari, 16-19 settembre 2025.
6. Arianna Di Felice, Jacopo Cilli, Michele Dell'Aquila, **Ruggero D'Anastasio**. The Sangro Valley: An Integrated Project for Anthropological and Cultural Enhancement. Congresso AAI – UZI. Cagliari, 16-19 settembre 2025
7. Jacopo Cilli, Arianna Di Felice, Michele Dell'Aquila, **Ruggero D'Anastasio**. Directional Limb Asymmetries and Lifestyle: A Diachronic Analysis of Three Pre-Industrial Populations from the Abruzzo Region (Central Italy). Congresso AAI – UZI. Cagliari, 16-19 settembre 2025
8. **Ruggero D'Anastasio**, Arianna Di Felice, Michele Dell’Aquila, Jacopo Cilli. Viaggio nella Preistoria, alle origini del linguaggio articolato. Giornate Europee dell’Archeologia. Catignano, 13-15 giugno 2025
9. Di Fabrizio A., Di Felice A., Rapinese A., **D'Anastasio R.** Collezionare e preservare la storia della farmacia: il ruolo del Museo universitario di Chieti. 74° Congresso Nazionale di Storia della Farmacia. Vercelli, 16-18 maggio 2025
10. Di Felice A., Cilli J., **D'Anastasio R.** Infant mortality in the ancient populations of Abruzzo. 5° Virtual Conference for Women Archaeologists and Paleontologists. 5-6-7 marzo 2025
11. Di Felice A., **D'Anastasio R.**, Speranza L., Franceschelli S., Capasso L., Cilli J., Ripari P. Cuori umani da contesti storici e archeologici. 1° Congresso GIGA. Roma, Università Sapienza, 2-3 settembre 2024

12. Cilli J., Di Felice A., **D'Anastasio R.**, Capasso L. Antropologia e Paleopatologia degli uomini del Fucino. Giornate Europee dell'Archeologia. Catignano, 14-16 giugno 2024
13. Di Felice A., Capasso L., Cilli J., **D'Anastasio R.**, Il Fanciullo di Celano. 54° Congresso Nazionale Società Italiana di Storia della Medicina. Torino, Accademia di Medicina, 30 maggio – 1° giugno 2024
14. **D'Anastasio R.**, Cilli J., Capasso L., Di Iorio A. Age estimations of human remains from an archaeological context (Opi, V century BCE) by DXA analysis. XXV Congresso dell'Associazione Antropologica Italiana, 6-9 settembre **2023**, Università di Torino.
15. **D'Anastasio R.** Archeo-anthropologia delle reliquie. Catignano e la sua Cultura neolitica. Convegno di Archeologia. Giornate Europee dell'Archeologia, 16-18 giugno **2023**, Catignano (Pescara).
16. **D'Anastasio R.**, Paolucci A, Di Fabrizio A, Del Cimmuto M, Cilli J, Capasso L. The herpetological collection of the university museum of Chieti: from Prehistory to the present. XIV Congresso Nazionale Societas Herpetologica Italica, Torino 13-17 settembre **2022**.
17. **D'Anastasio R.**, Cilli J, Di Stefano S, Capasso L. Studio antropologico dei resti umani rinvenuti nel monastero di S. Pietro in Lago (XI sec. d.C., Villalago, L'Aquila). XXIV Congresso dell'Associazione Antropologica Italiana, 7-10 settembre **2022**, Università "G. d'Annunzio", Chieti.
18. Matarazzo A, **D'Anastasio R.** Anthropometric linear measurements of female athletes in the Italian national athletic teams. XXIV Congresso dell'Associazione Antropologica Italiana, 7-10 settembre **2022**, Università "G. d'Annunzio", Chieti.
19. **D'Anastasio R.** La dieta delle antiche popolazioni umane dell'Italia Centromeridionale dal Paleolitico superiore all'Epoca Romana. Convegno scientifico letterario nazionale «Cibo – Cultura – Aggregazione» Aurum la Fabbrica delle idee, Pescara 12 Giugno **2022**.
20. Capasso L., **D'Anastasio R.** La trapanazione cranica nell'Antichità: il caso di Catignano. Catignano e la sua Cultura Neolitica. 18 settembre **2021**. Catignano.
21. **D'Anastasio R.** La bellezza delle forme naturali. La notte europea dei Ricercatori. 17 settembre **2021**. Università "G. D'Annunzio", Museo universitario, Chieti.
22. **D'Anastasio R.** La bellezza celata nella Scienza: le altre verità. La notte europea dei Ricercatori. 17 settembre **2021**. Università "G. D'Annunzio", Museo universitario, Chieti.
23. **D'Anastasio R.** Mummie! Conferenza: La realtà del nostro territorio dal punto di vista archeologico, antropologico e geologico. Torricella Peligna (CH), 3 Agosto **2021**.
24. Cilli J, **D'Anastasio R.**, Viciano J, Monza F, Fanelli E, Capasso L. The burns present on the mummy of Blessed Egidio da Laurenzana: between legend and scientific evidence. VI Meeting Nazionale Gruppo Italiano di Paleopatologia, 18-19 giugno **2021**, Modalità esclusivamente online.
25. **D'Anastasio R.**, Di Fabrizio A, Paolucci A, Fazio A, Del Cimmuto M, Capasso L. La Cura dei Cinque Sensi nell'antica Roma. Associazione Nazionale Musei Scientifici Congresso 2020 I Musei Scientifici Italiani nel **2020** Modalità esclusivamente online, 18-19-20 novembre 2020.
26. Di Fabrizio A, Del Cimmuto M, Fazio A, Capasso L, **D'Anastasio R.** Cultura ed Emergenza Covid-19: L'esperienza del Museo Universitario di Chieti. Associazione Nazionale Musei Scientifici

Congresso 2020 I Musei Scientifici Italiani nel 2020 Modalità esclusivamente online, 18-19-20 novembre **2020**

27. Catalano P, Cavarra B, Marinozzi S, **D'Anastasio R**, Cilione M, Battistini A, di Giannantonio S: L'analisi dei reperti scheletrici dell'urbe: i risultati antropologici e storico-medici. Nuove Tecnologie applicate alla Bioarcheologia, Gli Antichi Romani tra Storia e Scienza, Roma, 21 gennaio **2020**.
28. Cilli J, Icaro I, **D'Anastasio R**, Viciano J, Capasso L. Ancient Abruzzo populations through history. Congresso dell'Associazione Antropologica Italiana. 4-6 Settembre **2019**, Padova.
29. **D'Anastasio R**, Viciano J, Icaro I, Cilli J, Capasso L. A unique "petrified" human brain from Asunción (XX CE, Paraguay) Congresso dell'Associazione Antropologica Italiana. 4-6 Settembre **2019**, Padova.
30. Icaro I, D'Anastasio R, Cilli J, Viciano J, Di Giannantonio L, Monza F, Capasso L. Generalized dermatitis in the natural mummy of the Roman Catholic Nun Marie-Léonie Martin (France, 1863-1941). Congresso dell'Associazione Antropologica Italiana. 4-6 Settembre **2019**, Padova.
31. Tanga C, Viciano J, Monza F, **D'Anastasio R**, Capasso L. Odontostomatology seen through historical and biological sources in ancient Herculaneum. Congresso dell'Associazione Antropologica Italiana. 4-6 Settembre **2019**, Padova.
32. **D'Anastasio R.**, Cilli J., Viciano J. (2017) Il contributo degli studi anatomici alla ricerca sull'origine del linguaggio articolato - XXII Congresso dell'Associazione Antropologica Italiana, Monteporzio Catone (Roma) 6-8 settembre **2017**
33. Cilli J.1, **D'Anastasio R**. Le entesopatie del tendine d'Achille nella popolazione sannitica di Opi – Val Fondillo (VII-VI secolo BCE; Abruzzo XXII Congresso dell'Associazione Antropologica Italiana, Monteporzio Catone (Roma) 6-8 settembre **2017**
34. Viciano J., **D'Anastasio R.**, Capasso L. Microsomia emifacciale (spettro oculo-auriculo-vertebrale) in un individuo del sito archeologico di Teramo Sant'Anna (VII-XII CE, Teramo, Italia) XXII Congresso dell'Associazione Antropologica Italiana, Monteporzio Catone (Roma) 6-8 settembre **2017**
35. Milivojevic A, Viciano J, **D'Anastasio R**. Caratteristiche antropometriche e somatotipo in giocatrici di pallavolo di differenti categorie. XXI Congresso dell'Associazione Antropologica Italiana, Towards Next-Generation Anthropology: challenges and synergies. 3-5 Settembre **2015**.
36. Viciano J, Cilli J, Nibaruta P, Licata M, Paolucci A, **D'Anastasio R**. Torrecuso (Benevento): studio preliminare di una popolazione seicentesca. XXI Congresso dell'Associazione Antropologica Italiana, Towards Next-Generation Anthropology: challenges and synergies. 3-5 Settembre **2015**.
37. Capasso L, Fenianos F, Sciubba M, Azizi T, Di Fabrizio A, Nibaruta P, Rapinese A, **D'Anastasio R**. La mummia di Youssef Bey Karam (1823-1889), eroe nazionale libanese: antropologia e conservazione. XXI Congresso dell'Associazione Antropologica Italiana, Toward Next-Generation Anthropology: challenges and synergies. 3-5 Settembre **2015**.
38. Cilli J, Viciano J, **D'Anastasio R**, D'Ovidio C, Capasso L. Stima della data della morte attraverso il rimodellamento alveolare: a case report. XXI Congresso dell'Associazione Antropologica Italiana, Towards Next-Generation Anthropology: challenges and synergies. 3-5 Settembre **2015**.

39. **D'Anastasio R**, Viciano J, Cilli J, Sciubba M, Capasso L. I resti umani del complesso funerario di Nefherhotep (XVIII-XIX dinastia, Valle dei Nobili, Luxor, Egitto). XXI Congresso dell'Associazione Antropologica Italiana, Towards Next-Generation Anthropology: challenges and synergies. 3-5 Settembre **2015**.
40. **D'Anastasio R**, Tammaro F, Di Fabrizio A, Paolucci A, Cilli J, Viciano J, Nibaruta P, Capasso L. Dalla conoscenza alla conservazione: il recupero di antiche coltivazioni. XXV Congresso ANMS, Torino. 11-13 Novembre **2015**.
41. **D'Anastasio R**. Le collezioni di Paleopatologia e Anatomia Patologica. Giornata di Museologia Medica, Società Italiana di Storia della Medicina, 9 Novembre **2012**.
42. **D'Anastasio R**, Pallozzi B, Capasso L. Conservazione in microclima di reperti fossili piritizzati. XXI Congresso dell'Associazione Nazionale Musei Scientifici. Padova: 9-11 novembre **2011**.
43. Del Cimmuto M, Di Fabrizio A, Fazio A, Paolucci A, Sciubba M, **D'Anastasio R**, Cesana D, Vitullo G, Capasso L. Il recupero e la valorizzazione di un'antica collezione naturalistica. XXI Congresso dell'Associazione Nazionale Musei Scientifici. Padova: 9-11 novembre **2011**.
44. Capasso L, Cesana DT, Milia ML, Sciubba M, Paolucci A, Di Fabrizio A, **D'Anastasio R**. L'autofluorescenza dell'osso umano XIX Congresso dell'Associazione Antropologica Italiana. Torino, 21-24 settembre **2011**.
45. **D'Anastasio R**, Cesana DT, Milia ML, Di Nicola M, Sciubba M, Del Cimmuto M, Paolucci A, Nibaruta P, Capasso L. Determinazione del sesso mediante osso ioide in individui scheletrici da contesti archeologici. Congresso dell'Associazione Antropologica Italiana. Torino, 21-24 settembre **2011**.
46. Viciano J, Alemán I, **D'Anastasio R**, Capasso L. Misure dentarie alternative: correlazione tra le dimensioni del colletto e della corona. Congresso dell'Associazione Antropologica Italiana. Torino, 21-24 settembre **2011**.
47. Cesana DT, **D'Anastasio R**, Milia ML, Sciubba M, Paolucci A, Fazio A, Del Cimmuto M, Vitullo G, Capasso L. Lesioni multiple circolari su due individui adulti dalla necropoli preromana di Bazzano (AQ – Italia centrale). Congresso dell'Associazione Antropologica Italiana. Torino, 21-24 settembre **2011**.
48. **D'Anastasio R**, Zipfel B, Moggi-Cecchi J, Stanyon R, Capasso L. (2009) Implicazioni dietetiche di un possibile caso di brucellosi in *Australopithecus africanus* Stw 431 (Pliocene Superiore, Sterkfontein, Sud Africa). Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre **2009**, Firenze ISBN/EAN: 9788854826953
49. Capasso L, Tuniz C, Mancini L, **D'Anastasio R**. (2009) Nuove metodiche strumentali nell'indagine dell'origine e dell'evoluzione del linguaggio umano: correlazione fra micromorfologia, microstruttura ed impegno biomeccanico dell'osso ioide nei Primati non umani, in uomini fossili e attuali. Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre **2009**, Firenze ISBN/EAN: 9788854826953
50. Capasso L, **D'Anastasio R**, Di Fabrizio A, Michetti E, Paolucci A, Angelini LR, Urso M, Vitullo G, Nibaruta P, Parrucci G, Del Cimmuto M, Sciubba M. (2009) Le attività antropologiche del Museo di Storia delle Scienze Biomediche – Università degli Studi “G. D'Annunzio” Chieti-Pescara. Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni

dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre **2009**, Firenze ISBN/EAN: 9788854826953

51. Angelini LR, **D'Anastasio R**, Parrucci G. (2009) Comunicare Darwin. Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre 2009, Firenze ISBN/EAN:
52. Badal JV, Alemà AI, Rotella Lòpez MC, Capasso L, **D'Anastasio R**. La determinazione del sesso in resti umani antichi mediante odontometria. (2009) Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre, Firenze **2009** ISBN/EAN: 9788854826953
53. Nibaruta P, **D'Anastasio R**, Milia ML, Paolucci A, Michetti E, Del Cimmuto M, Sciubba M, Capasso L. (2009) La Collezione primatologica del Museo universitario di Chieti. Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre **2009**, Firenze ISBN/EAN: 9788854826953
54. Paolucci A, **D'Anastasio R**, Vitullo G. (2009) Studio Antropologico dei resti scheletrici umani rinvenuti nella Chiesa di Santa Maddalena a Castel Di Sangro (AQ): testimonianze di un recente passato. Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre **2009**, Firenze ISBN/EAN: 9788854826953
55. Michetti E, Paolucci A, **D'Anastasio R**, Urso M. (2009) Un nuovo caso di lesione cranica perimortale dalla Necropoli Medievale di Monte D'Argento (Latina, Italia Centrale, XI-XV sec. d.C.) Atti del XVIII Congresso AAI: Evoluzione e Biodiversità umana: la Storia Naturale dell'uomo 200 anni dopo Darwin. Ed.: Caramelli D., Moggi-Cecchi J., Stanyon R., ARACNE Editrice S.r.l., Roma. 1-4 Ottobre **2009**, Firenze ISBN/EAN: 9788854826953
56. Angelini L.R, **D'Anastasio R**, Parrucci G. (2008) *Il Museo on-line: tre divulgazione e didattica. L'esperienza del Museo di Storia delle Scienze Biomediche. Evoluzione e Biodiversità Umana. Convegno sul Tema: Comunicare la Storia Naturale dell'Uomo. Museo di Storia Naturale, Università di Firenze, 11-12 settembre 2008: 3.*
57. Capasso L, **D'Anastasio R**. (2008) *Il Museo Universitario di Chieti e Pescara: un esempio di Museo prevalentemente antropologico. Evoluzione e Biodiversità Umana. Convegno sul Tema: Comunicare la Storia Naturale dell'Uomo. Museo di Storia Naturale, Università di Firenze, 11.12 settembre 2008: 7.*
58. Di Fabrizio A, Paolucci A, **D'Anastasio R**, De Cerchio G, Michetti E. (2008) *L'evoluzione della didattica del Museo di Storia delle Scienze Biomediche. Evoluzione e Biodiversità Umana. Convegno sul Tema: Comunicare la Storia Naturale dell'Uomo. Museo di Storia Naturale, Università di Firenze, 11.12 settembre 2008: 10.*
59. Capasso L, **D'Anastasio R**. (2007) *I rettili del sito paleontologico di Pietraraja (Benevento). 1° Congresso Societas Herpetologica Italica sez. Abruzzo (25-27 maggio 2007, Caramanico Terme, Pescara): 20. Ente Parco Nazionale della Macella (Chieti).*
60. **D'Anastasio R**, Vitullo G. (2007). **Un caso paleopatologico di cisti da echinococco.** XVII Congresso AAI (26-29 settembre **2007**): 39. Cagliari.

61. **D'Anastasio R**, Vitullo G. (2007). **Gli inumati della necropoli sannita di Opi Val Fondillo (VII-V sec. a.C.): rilievi antropologici e paleopatologici**. XVII Congresso AAI (26-29 settembre 2007): 103. Cagliari.
62. **D'Anastasio R**, Capasso L. (2006). Aspetti morfologici della sindesmosi costo-clavicolare: valutazione nell'antica popolazione di Opi-Val Fondillo (L'Aquila, VI-V sec. a. C.). XVI Congresso degli Antropologi Italiani (Magazzini del Cotone, Genova, 29-31 ottobre 2005). Edicolors Publishing, Milano.
63. Pierfelice L, Michetti E, Di Fabrizio A, **D'Anastasio R**, Capasso L. (2003) Lesioni collegate ad attività atletiche nell'antica popolazione romana di Ercolano. XV Congresso degli Antropologi Italiani, riassunti (28-30 settembre 2003): 75. Edidesan, Chieti.
64. **D'Anastasio R**, Mariggio' MA, Michetti E, Merolli F, Pierfelice L, Di Fabrizio A, Capasso L (2003) L'autofluorescenza come nuovo possibile metodo assoluto di datazione dell'osso umano antico. XV Congresso degli Antropologi Italiani, riassunti (28-30 settembre 2003): 172. Edidesan, Chieti.
65. **D'Anastasio R**, Di Domenicantonio L, Michetti E, Capasso L. (2001). Aspetti morfologici della sindesmosi costo-clavicolare: valutazione nell'antica popolazione di Opi-Val Fondillo (L'Aquila, VI-V sec. A.C.). Poster. XIV Congresso degli Antropologi Italiani (25-28 settembre 2001, Croce di Magara, Spezzano Piccolo, Cosenza): 56-57. Pubblisfera (Cosenza).
66. Capasso L, La Verghetta M, Caramiello S, Di Domenicantonio L, **D'Anastasio R**, Michetti E. (2001). Patologia neoplastica nella mandibola di un soggetto della necropoli italica di Opi-Val Fondillo (L'Aquila, VI-V sec. A.C.). Poster. XIV Congresso degli Antropologi Italiani (25-28 settembre 2001, Croce di Magara, Spezzano Piccolo, Cosenza): 208. Pubblisfera (Cosenza).
67. Verginelli F, Palmirota R, Destro-Bisol G, Contento S, Ferrante P, **D'Anastasio R.**, De Pompeis E, Staffa A, Catalano P, Capasso L, De Pompeis C, Mariani-Costantini R. (1999). Paleogenetica di resti scheletrici umani da necropoli di epoca romano-imperiale ed altomedievale del Lazio e dell'Abruzzo. In: Attualità dell'Antropologia. Ricerca e Insegnamento nel XXI Secolo. XIII Congresso degli Antropologi Italiani (A.A.I.) (4-8 ottobre 1999): 40-41. Roma.
68. Di Domenicantonio L, **D'Anastasio R**, Di Fabrizio A, Capasso L. (1999). Lesioni tubercolari ad Ercolano. In: Attualità dell'Antropologia. Ricerca e Insegnamento nel XXI Secolo. XIII Congresso degli Antropologi Italiani (A.A.I.) (4-8 ottobre 1999): 165. Roma.
69. **D'Anastasio R**, Di Domenicantonio L, Pietrangelo F, Capasso L. (1998). Paleopatologia dei Fibroleiomiomi: fonti dirette e indirette. XXXIX Congresso Nazionale, Società Italiana di Storia della Medicina (12-14 giugno 1998): 2. Firenze.
70. Ranaldi F, Fiusco AR, Giachetti E, Vanni P, **D'Anastasio R**, Capasso L. (1998). Proteine da fibroleiomiomi uterini calcificati. XXXIX Congresso Nazionale, Società Italiana di Storia della Medicina (12-14 giugno 1998): 3. Firenze.
71. Di Domenicantonio L, **D'Anastasio R**, Catalano P, Mariani Costantini R, Capasso L (1998). La trapanazione cranica nell'antica Roma: i due casi paleopatologici in Italia. XXXIX Congresso Nazionale, Società Italiana di Storia della Medicina (12-14 giugno 1998): 6. Firenze.

PARTICIPATION AS AN INVITED SPEAKER AT NATIONAL CONFERENCES

1. **2020** – Invited speaker at the international conference “*International Conference on Bioethics: Bioethics and the Five Senses*”, held at the University of Malta (01/10/2020 – 04/10/2020). Presentation: “*Bioethics and the Five Senses*”, focused on the paleopathology of the five senses and

- the reconstruction of ancient medical and surgical practices through direct sources (skeletons, teeth, mummies, and organic remains) and indirect sources (historical, archaeological, and literary evidence).
2. **2021** – Invited speaker at the Archaeology Conference “*Catignano and its Neolithic Culture*”, organized by the Municipality of Catignano and Archeoclub Italia, in collaboration with the Italian Ministry of Culture, the Superintendency of Archaeology, Fine Arts and Landscape for the Provinces of Chieti and Pescara, the University of Pisa, and the “G. d’Annunzio” University of Chieti-Pescara (18/09/2021 – 19/09/2021).
Presentation: “*Cranial Trepanation in Antiquity: The Case of Catignano*”.
 3. **2022** – Invited speaker at the national scientific-literary conference “*Food – Culture – Aggregation*”, held at Aurum Palace, Pescara (12/06/2022).
Under the patronage of the “G. d’Annunzio” University, Einaudi Publishing (Pescara), and the Municipality of Pescara.
Presentation: “*Diet of Ancient Human Populations in Central-Southern Italy from the Upper Paleolithic to the Roman Period*”.
 4. **2023** – Invited speaker at the Archaeology Conference “*Catignano and its Neolithic Culture*” (16/06/2023 – 18/06/2023).
Presentation: “*Archaeo-anthropology of Relics*”.
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ORGANIZATION OF SCIENTIFIC CONFERENCES AND EXHIBITIONS IN ITALY

1. **2003** – Member of the Organizing Committee of the XV Congress of the Italian Anthropological Association, held in Chieti at “G. d’Annunzio” University (28/09/2003 – 30/09/2003). Also presented two contributions.
2. **2006–present** – Organizer of the exhibition “*Mummies: A Biological Archive*”, inaugurated at the University Museum of “G. d’Annunzio” University of Chieti-Pescara, under the patronage of national and regional cultural institutions.
3. **2007** – Organizer of the conference “*The Museum Discovering the Origins of Humankind*”, held at the University Museum (30/05/2007), including a personal presentation.
4. **2011–2012** – Collaborator in organizing the exhibition “*Homo sapiens: The Great History of Human Diversity*”, held at the Palazzo delle Esposizioni, Rome (11/11/2011 – 12/02/2012). Contributed to the installation of the section “*Speak Like a Neanderthal*”.
5. **2012** – Member of the Organizing Committee of the “*Day of Medical Museology*”, promoted by the Italian Society for the History of Medicine (09/11/2012), with a presented paper.
6. **2018** – Member of the Organizing Committee of the exhibition “*Stories of Life: Ancient Romans Told by Science*”, held at the Museum of the History of Medicine, Sapienza University of Rome (19/05/2018 – 10/07/2018).
7. **2019** – Member of the Organizing Committee of the XXIX Congress of the National Association of Scientific Museums, “*Accessibility in Museums: Limits, Resources, Strategies*”, held in Chieti (23/10/2019 – 25/10/2019), including a presentation.
8. **2021–present** – Organizer of the exhibition “*The Imprint of Genius: Dermatoglyphic Anthropology of Leonardo da Vinci*”, inaugurated in Torricella Peligna (03/08/2021). The exhibition presents research on reconstructing Leonardo da Vinci’s fingerprints through biological traces found on artworks.
9. **2022** – Member of the Organizing Committee of the XXIV Congress of the Italian Anthropological Association, “*The Next Human: Natural History of Genes, Forms, and Functions Between Past and Future*”, held in Chieti (07/09/2022 – 10/09/2022), with two contributions presented.
10. **2023** – Member of the Organizing Committee of the XXV Congress of the Italian Anthropological Association, “*Being Human(s)*”, held in Turin (06/09/2023 – 08/09/2023), contributing to scientific evaluation and program organization.
11. **2026** – Member of the Scientific Committee for the National Conference “*Nutrition as an Interdisciplinary Cultural Resource: Between Past and Future*”, held at “G. d’Annunzio” University of Chieti-Pescara (27/03/2026).

INTERNATIONALIZATION

Participation in International Research Projects and Activities

1. **2006–2008 (South Africa)** – Participation in excavation campaigns at the Plio-Pleistocene site of Drimolen, in collaboration with the University of Florence and the University of Johannesburg. Also responsible for the study of skeletal pathologies in *Australopithecus africanus* (STW 431).
2. **2007–2008 (South Africa)** – Principal Investigator of the project “*Paleopathological Study of Australopithecus africanus STW 431*”, commissioned by the University of the Witwatersrand (Johannesburg).
Research included macroscopic, stereomicroscopic, metric, and radiographic analyses, as well as SEM analysis conducted in Italy.
3. **2013 (Lebanon)** – Co-Principal Investigator (with Luigi Capasso) for the study, restoration, and conservation of the mummy of Youssef Bay Karam, a national hero of Lebanon, carried out in Zgharta.
4. **2015–2023 (Egypt)** – Responsible for the recovery, study, and documentation of anthropological and faunal remains from the monumental tomb of Neferhotep (Luxor).
Fieldwork conducted in 2015 and 2023; coordination of research team activities in subsequent years.
5. **2016 (France)** – Co-Principal Investigator (with Luigi Capasso) for the study, restoration, and conservation of the mummy of Léonie Martin (Sister Françoise-Thérèse), conducted at the Monastery of the Visitation in Caen, in collaboration with medical-legal institutions.
6. **2023 (Cyprus)** – Responsible for the recovery, study, and documentation of anthropological remains from Neolithic levels at the Pentakomo site (Limassol district), within a long-standing international archaeological project.

PARTICIPATION AS A SPEAKER AT INTERNATIONAL CONFERENCES

Participation in International Conferences and Symposia

1. Schmidt CW, **D’Anastasio R**. Sex-Based differences in dental microwear texture among the adults from Herculaneum. 93rd Annual Meeting of the American Association of Biological Anthropology, Los Angeles, California (20-24 march **2024**). Contributo accettato dal Comitato scientifico.
2. Schmidt CW, **D’Anastasio R**, Adler K, Plunkett I, McDonald B, Dorsett J, Theodosopoulos T. Dental Microwear Texture Analysis of Early Holocene People from the Fucino Basin, Abruzzo, Italy. Annual Meeting of the Paleoanthropology Society, Los Angeles, California (20-24 march **2024**). Contributo accettato dal Comitato scientifico.
3. **D’Anastasio R**. The five senses in the history of ancient medicine. I sensi nella storia della medicina antica. International Conference on Bioethics. Bioethics and the Five Senses. Università ta’ Malta, 1 - 4 October **2020**.
4. **D’Anastasio R**. El Hombre de Similaun: Antropología, Paleopatología Y Conservación. XI Reunión de la Sociedad de Odontostomatólogos Forenses Iberoamericanos –SOFIA. Cusco (Perù), 25-28 Settembre **2019**.
5. **D’Anastasio R**, Cilli J, Viciano J, Di Giovannantonio L, Monza F, Icaro I, Capasso L. Lesiones Cutáneas en el Cuerpo Momificado de La Monja Católica Romana Marie-Léonie Martin (Francia, 1863-1941). XV Congreso Nacional e Internacional de la AEP. Granada, 27-28 Giugno **2019**.
6. Tanga C, Viciano J, **D’Anastasio R**, Belcastro MG, Capasso L. Estimación del sexo mediante odontometría en una población italiana contemporánea: aplicación en individuos subadultos- Congreso

dell'Associazione Spagnola di Antropologia e Odontologia Forense, Palma de Mallorca, 24-25 Novembre **2018**.

7. Carotenuto G, **D'Anastasio R**, Schmidt C. Pseudopathological vertebral changes in a young individual from Herculaneum (79 CE). XXI European Meeting of the Paleopathology Association, Moscow (Russia), 15-19 August **2016**.

8. Tanga C, **D'Anastasio R**, Viciano J. Extra-masticatory dental wear in the Samnite necropolis of Alfedena (V-III Centuries BC, Italy). XXI European Meeting of the Paleopathology Association, Moscow (Russia), 15-19 August **2016**.

9. Cilli J, Paolucci A, **D'Anastasio R**. A case of ameloblastoma from South Italy. XXI European Meeting of the Paleopathology Association, Moscow (Russia), 15-19 August **2016**.

10. **D'Anastasio R**, Cilli J, Petti R, Viciano J. Paleoepidemiología de la tuberculosis en Italia. XIII Congreso Nacional de Paleopatología. Paleopatología y bioarqueología: contextualizando el registro óseo. Écija (Sevilla, España), 1-4 Octubre **2015**.

11. Viciano J, **D'Anastasio R**, D'Ovidio C, Capasso L. Estimación de la fecha de la muerte a través de la remodelación alveolar: estudio de un caso. XI Congreso Latinoamericano de Antropología Forense. Normas y Estándares en Antropología Forense: su aplicación en Latinoamérica. Montevideo (Uruguay), 19-23 Octubre **2015**.

12. Viciano J, **D'Anastasio R**, D'Ovidio C, Capasso L. Estimación de la fecha de la muerte a través de la remodelación alveolar: estudio de un caso. VII Reunión Científica de La Asociación Española de Antropología y Odontología Forense. Toledo (España), 6-7 Noviembre **2015**.

13. Viciano J, **D'Anastasio R**, Guarnieri S, Mariggiò M, Capasso L. Autofluorescencia natural del hueso y microscopía confocal láser de barrido: nuevas perspectivas en la datación de restos óseos. VI Reunión Científica de La Asociación Española de Antropología y Odontología Forense, Hospital Militar Gómez Ulla (España). 10-11 Octubre **2014**.

14. Viciano J, **D'Anastasio R**, Urbani V, Sciubba M, Capasso L. Posible variante anatómica congénita de la clavícula. XII Congreso Nacional de Paleopatología. Cuenca (España), 3-6 Octubre **2013**.

15. Sciubba M, Vitullo G, Paolucci A, Cesana DT, **D'Anastasio R**, Capasso L. The Renaissance human mummies from Sant'Eusanio Forconese (L'Aquila, Central Italy): a case-study for the Paleopathology of neonatal mortality. Abstracts del XI Congreso Nacional Paleopatología, 15-17 settembre 2011, Andorra (Spagna). Journal of Paleopathology, 22 (addition), **2010**: pp.: 80-81.

16. **D'Anastasio R**, Tuniz C, Mancini L, Cesana DT, Dreossi D, Milia ML, Capasso L. X-ray computed microtomography of Primates' hyoid bones: implication for language evolution. Italian-Australian Archaeology and Cultural Heritage Workshop. New Scientific Techniques in Archaeology, Palaeo-Anthropology and Cultural Heritage. 14th-17th March **2011** Sydney, p. 33.

17. Viciano J, López-Lázaro S, Cesana D, **D'Anastasio R**, Capasso L. Multiple traumatic dental injuries: a case report in a young individual from the samnitic necropolis of Opi Val Fondillo (VI-V century BC; Central Italy). 18th European Meeting of the Paleopathology Association, Wien 23th-26th August **2010**, p: 240.

18. **D'Anastasio R**, Cesana DT, Milia ML, Capasso L. Possible correlation between dental enamel hypoplasia manifestations and historic natural disaster in the roman population of herculaneum (79 ad – central italy). 18th European Meeting of the Paleopathology Association, Wien 23th-26th August **2010**, p: 80.

19. Cesana D, Paolucci A, Angelini R, Milia ML, **D'Anastasio R**. Multiple weapon trauma in an adult individual from the medieval necropolis of Monte d'Argento (XI-XV AD – Central Italy). 18th European Meeting of the Paleopathology Association, Wien 23th-26th August **2010**, p: 80.
20. Capasso L, **D'Anastasio R**. (2006). A metastatic carcinoma in an adult male for the necropolis of Opi Val Fondillo (VI-V century BC, Central Italy). XVI European Meeting of the Paleopathology Association (Abstract) (28 august – 1th September **2006**, Santorini, Greece): 45. Hellenic Society fo Biological Sciences. Printed by the National & Kapodistrian University of Athens. ISBN: 960-87324-2-5. ISSN: 1109-4855.
21. **D'Anastasio R**, Capasso L. (2006). Perimortem weapon trauma in an adult male skeleton from the Italic necropolis of Opi Val Fondillo (VI-V century BC; Central Italy). XVI European Meeting of the Paleopathology Association (Abstract) (28 august – 1th September **2006**, Santorini, Greece): 49. Hellenic Society fo Biological Sciences. Printed by the National & Kapodistrian University of Athens. ISBN: 960-87324-2-5. ISSN: 1109-4855.
22. **D'Anastasio R**, Capasso L. (2006). Contempt of the corpse in Central Italy during the Bronze Age. XVI European Meeting of the Paleopathology Association (Abstract) (28 august – 1th September **2006**, Santorini, Greece): 49-50. Hellenic Society fo Biological Sciences. Printed by the National & Kapodistrian University of Athens. ISBN: 960-87324-2-5. ISSN: 1109-4855.
23. Piombino-Mascali D, Barbara L, Mallegni F, **D'Anastasio R**, Capasso L. (2006). A possible case of congenital syphilis from Siena (Central Italy). XVI European Meeting of the Paleopathology Association (Abstract) (28 august – 1th September **2006**, Santorini, Greece): 106. Hellenic Society fo Biological Sciences. Printed by the National & Kapodistrian University of Athens. ISBN: 960-87324-2-5. ISSN: 1109-4855.
24. Capasso L, **D'Anastasio R**. (2004) Food contamination and status of health at Herculaneum (1st Century AD). 15th European Meeting of the Paleopathology Association (10th-14th August **2004**): 38. Durham, U. K.
25. **D'Anastasio R**, Capasso. (2004) Idiopathic Hyperostosis: Epidemiology and Phylogeny. 15th European Meeting of the Paleopathology Association (10th-14th August **2004**): 41. Durham, U. K.
26. **D'Anastasio R**, Michetti E, Pierfelice L, Capasso L. (2002). Neurosurgery 7000 years ago in central Italy. XIV European Meeting of the Paleopathology Association (28-31 August **2002**, Coimbra, Portugal). Editor: Departamento de Antropologia, Faculdade de Ciências e Tecnologia, Universidade de Coimbra, Portugal. ISBN: 972-9006-42-3.
27. **D'Anastasio R**, Caramiello S, Capasso L. (1999). Paleopathology of the mummy of Santa Rosa from Viterbo (Central Italy, XIII Century AD). XIIIth European Meeting of the Paleopathology Association, 18-23 settembre **2000**, Chieti. Journal of Paleopathology, 11 (2): 43. Tipolito R. Di Virgilio, Chieti.
28. **D'Anastasio R**, Michetti E, Di Virgilio A, Marcucci E, Rabottini N, Properzio R, Capasso L. (1999). Duplication of the lumbar spinal column in an adult medieval individual from Liguria (North Italy). XIIIth European Meeting of the Paleopathology Association. Journal of Paleopathology, 18-23 settembre **2000**, Chieti. Journal of Paleopathology, 11 (2): 44. Tipolito R. Di Virgilio, Chieti.
29. Mariani-Costantini R., Catalano P., Verginelli F., Palmirotta R., Papagiannopoulou E., **D'Anastasio R**, Capasso L. (1998). Cranial trepanation for a tumor of the right cerebral hemisphere in a Roman child of the 2nd century A.D. XIIth European Meeting of the Paleopathology Association, Abstracts (26-29 agosto **1998**): 60. Prague, Czech Republic.
30. **D'Anastasio R**, Caramiello S, Capasso L. (1998). Paleopathological evidence in non-human fossil records. XIIth European Meeting of the Paleopathology Association, Abstracts (26-29 agosto **1998**): 30. Prague, Czech Republic.

31. Caramiello S, Di Tota G, Di Domenicantonio L, **D'Anastasio R**, Capasso L. (1998). Sexual differences in the entesopaties at Herculaneum. XIIth European Meeting of the Paleopathology Association, Abstracts (26-29 agosto **1998**): 22. Prague, Czech Republic.
32. Verginelli F, Palmirota R, **D'Anastasio R**, Caramiello S, Battista P, Mammarella S, Cama A, Capasso L, Mariani Costantini R. (1997). Variants of the insulin receptor substrate 1 (IRS-1) gene in ancient populations from Central Italy. Human from the past. Advancement in Research and Technology. 5-6 dicembre **1997**. International Symposium; Exhibition & Poster Section, Raund Table on Human variability in space and time. Roma.
33. Verginelli F, Palmirota R, **D'Anastasio R**, Caramiello S, Battista P, Cama A, Capasso, Mariani Costantini R. (1997). Use of a multiplex PCR assay in the molecular determination of sex from archaeological bones. Human from the past. Advancement in Research and Technology. 5-6 dicembre **1997**. International Symposium; Exhibition & Poster Section, Raund Table on Human variability in space and time. Roma.

Participation in International Conferences by Invitation

1. **Invited Speaker – Italian-Australian Archaeology and Cultural Heritage Workshop**
New Scientific Techniques in Archaeology, Palaeo-Anthropology and Cultural Heritage, Sydney, 14–17 March 2011, p. 33.
Presentation: **D'Anastasio R., Tuniz C., Mancini L., Cesana D.T., Dreossi D., Milia M.L., Capasso L.** – *X-ray computed microtomography of primates' hyoid bones: implications for language evolution.*
From 14-03-2011 to 17-03-2011
2. **Invited Speaker – International Conference on Bioethics: Bioethics and the Five Senses**
University of Malta, 1–4 October 2020.
Presentation: *Bioethics and the Five Senses* – The talk addressed the paleopathology of the five senses and reconstructed medical and surgical practices dedicated to them in antiquity, using direct evidence (skeletons, teeth, mummies, and other organic remains) and indirect sources (historical, archaeological, and literary references).
From 01-10-2020 to 04-10-2020
3. **Invited Speaker – XI Reunión de la Sociedad de Odontostomatólogos Forenses Iberoamericanos – SOFIA**
Cusco, Peru, 25–28 September 2019.
Presentation: *El Hombre de Similaun: Antropología, Paleopatología y Conservación.*
From 25-09-2019 to 28-09-2019

Organization of International Conferences and Scientific Exhibitions Abroad

1. **Member of the Organizing Committee – XIIIth European Meeting of the Paleopathology Association**
Chieti, University “G. d’Annunzio”, 18–23 September 2000.
 - The conference hosted participants from across Europe and non-European countries.
 - Presented 2 contributions during the conference.
From 18-09-2000 to 23-09-2000
2. **Collaboration in Organizing the Exhibition “Legion”**
Organized by the British Museum and the Archaeological Park of Herculaneum; inaugurated in London on 1 February 2024.

- Responsible for the study and preparation of the Herculaneum skeleton E26, known as *The Legionary*, and other skeletal remains.
From 01-02-2024 to 23-06-2024
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Teaching Activities

Since 1998, he has held teaching positions in **Anthropology, History of Medicine, and Demoethno-Anthropological Disciplines** at the University “G. d’Annunzio” of Chieti-Pescara, within the following degree programs: Medicine and Surgery, Dental Hygiene (qualifying for the Health Profession of Dental Hygienist), Health Professions of Rehabilitation Sciences (International Program), Motor and Sports Sciences, Physiotherapy (qualifying for the Health Profession of Physiotherapist), Cultural Heritage, Archaeological and Historical-Artistic Heritage, Dentistry and Dental Prosthetics.

In addition, he has carried out non-university teaching assignments at State Schools, cultural institutions, and training institutes, including:

- **2003:** Teaching for retraining courses for personnel of the Ministry of Cultural Heritage and Activities in the Lazio Region.
- **2015:** Teaching assignment by the Consorform Group for the Abruzzo Region within the Level I Specialized Technical Course in *Recovery, Restoration, and Conservation of Archaeological Sites and Heritage*. Course title: *Basics of Physical Anthropology and Ancient Human Remains* (20 hours). P.O. FSE Abruzzo 2007-2013 – Special Multi-Axis Project: “Talents for Archaeology” – V Intervention Area – Project: *DAB: Development in Archaeology Business*.
- **2015:** Teaching assignment by the State Scientific High School “C. D’Ascanio”, Montesilvano (PE), for the *Archaeological Anthropology Laboratory* (20 hours); Regional Project P.O. FSE Abruzzo 2007-2013. Objective CRO – Axis 4 Human Capital – Special Project “Open and Inclusive Schools”.
- **2015:** Teaching assignment by the Consorform Group for the Abruzzo Region within the Level II Specialized Technical Course in *Maintenance and Management of Archaeological Sites and Museums*. Course title: *Basics of Physical Anthropology and Ancient Human Remains* (10 hours). P.O. FSE Abruzzo 2007-2013 – Special Multi-Axis Project: “Talents for Archaeology” – V Intervention Area – Project: *DAB: Development in Archaeology Business*.
- **2018:** Teaching in the *Advanced Course on Personal Identification / Face Recognition* for operators of the Scientific Division of the Presidency of the Council of Ministers. Framework agreement between the Department of Medicine and Aging Sciences (DMSI) and the Scientific Division of the Presidency of the Council of Ministers. DMSI resolution of 20/06/2018.

Since 2008, he has supervised **285 theses in Anthropology (SSD BIO/08)** for the following University programs at “G. d’Annunzio”: Motor and Sports Sciences, Physiotherapy, Cultural Heritage, Archaeological and Historical-Artistic Heritage, Dental Hygiene, Humanities, Preventive and Adaptive Motor Sciences, Kinesiology, Archaeology and Culture of the Ancient and Medieval World.

Management, Organizational, and Service Activities

Institutional Roles (Summary)

1. Rectoral Delegate, University of “G. d’Annunzio”, Chieti-Pescara, at CRUI for evaluating the proposed agreement between the Central Institute for Cataloguing and Documentation and Italian Universities.
2. Rectoral Delegate, University of “G. d’Annunzio”, Chieti-Pescara, at the CRUI Commission Assembly for University Museums (27-09-2012).

3. Member of the Quality Assurance Management Group, Degree Program in Motor and Sports Sciences (L-22), University of “G. d’Annunzio”, Chieti-Pescara (2017–present).
 4. Representative of the Department of Medicine and Aging Sciences for the establishment of the Working Group for updating the AT Sheet – Anthropological Finds, Ministry of Cultural Heritage and Activities (Resolution No. 1686, 29/05/2018).
 5. Member of the Curriculum Committee, Degree Program in Motor and Sports Sciences, University of “G. d’Annunzio”.
 6. Member of the Quality Assurance Management Group, Degree Program in Physiotherapy (L/SNT2), University of “G. d’Annunzio”.
 7. Member of the Orientation Committee, Department of Medicine and Aging Sciences, University of “G. d’Annunzio”; responsible for incoming orientation activities and development of departmental orientation policies in collaboration with the University Orientation Office.
 8. Coordinator of the Scientific Committee of the University Museum, University of “G. d’Annunzio”.
 9. Vice-President of the Degree Program in Physiotherapy (L/SNT2), University of “G. d’Annunzio”.
 10. Member of the Technical Committee (C.T.O.) of the University Center for Disability, Rehabilitation, and Sports Medicine, University of “G. d’Annunzio”, including multiple departmental collaborations.
 11. Member of the Steering Committee of the Degree Program in Physiotherapy, University of “G. d’Annunzio”.
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Doctoral Program Faculty Membership

1. Member of the Doctoral Faculty in **Kinesiology** (Coordinator: Prof. Maurizio Bertollo).
 - The inter-university PhD program in Kinesiology is based at the University of “G. d’Annunzio” of Chieti and Pescara, in association with the University Niccolò Cusano, and maintains international partnerships with the University of Thessaly and the University of Rouen-Normandie, among others.
 - The program develops expertise in human movement and its impact on health, society, and quality of life, using evidence-based research methods to improve performance, prevent diseases, and reduce injuries.
 - Research areas include biological, physiological, and biomechanical factors influencing movement.
 - The program has a strong international orientation, with foreign faculty involvement and high-level international networks, offering students opportunities for exchanges and international mobility.
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Professional Activities in the Public Sector

Professional Engagements

1. **1997:** Tasked with monitoring the humidity of the tissues of the “sample mummy” of Merano and the “Similaun Mummy” during the development of the new Archaeological Museum of Bolzano, assigned by the Autonomous Province of Bolzano, Via Crispi 3, Bolzano.
From 12-03-1997 to 12-03-1998
2. **1997:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti (Ministry of Cultural and Environmental Heritage) for documentation and cataloguing of osteological materials from Herculaneum.
From 20-03-1997 to 20-08-1997
3. **1998:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti for documentation and cataloguing of osteological materials from the Necropolis of Opi-Val Fondillo (1994 excavation).
From 05-02-1998 to 05-12-1998
4. **1999:** Tasked by the Municipality of Pescara, Piazza Italia 1, with anthropometric measurements and study of epigenetic traits of a sample of Lombard skeletons from various locations in Abruzzo and

- Cividale del Friuli.
From 23-02-1999 to 23-05-1999
5. **1999:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti for documentation and cataloguing of osteological materials from the Necropolis of Opi-Val Fondillo (1995 excavation).
From 23-04-1999 to 23-02-2000
 6. **1999:** Tasked with inventory and scientific documentation of the “Iceman” collection for the Archaeology and Nature Museum of Bolzano, Via Bottai 1, 39100 Bolzano.
From 27-12-1999 to 27-06-2000
 7. **2000:** Assigned by the Municipality of Pescara to conduct research on traces of Lombard origin in Abruzzo for the Museum of the Peoples of Abruzzo.
From 21-02-2000 to 21-05-2000
 8. **2001:** Tasked by the Aquilana Paleopathology Association with anthropological documentation of human remains from the Church of San Sebastiano, Navelli (AQ).
From 27-08-2001 to 27-11-2011
 9. **2003:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti, for cleaning and restoration of two skeletons from the Necropolis of Atri (TE).
From 03-06-2003 to 03-09-2003
 10. **2003:** Tasked by the Archaeological Superintendency of Abruzzo, Chieti for the study of skeletal remains from the Taverna Necropolis in Schiavi d’Abruzzo (1997 excavation).
From 26-11-2003 to 26-05-2004
 11. **2004:** Research assignment on occupational markers of skeletons from the Necropolis of Opi-Val Fondillo, as part of the COFIN 2001 project by the Department of Medicine and Aging Sciences, University “G. d’Annunzio”, Chieti.
From 01-04-2004 to 30-07-2004
 12. **2005:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti, for paleopathological documentation of 25 skeletal remains from the Necropolis of Opi-Val Fondillo.
From 18-03-2005 to 18-06-2005
 13. **2005:** Tasked by the State Classical High School “G. D’Annunzio”, Pescara, with cleaning, restoration, and disinfestation of taxidermy animals and skeletal remains of the school’s collection.
From 01-08-2005 to 01-11-2005
 14. **2005:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti for anthropological and paleopathological documentation of 30 skeletal remains from the Necropolis of Opi-Val Fondillo.
From 14-10-2005 to 14-04-2006
 15. **2005:** Assigned by the Archaeological Superintendency of Abruzzo, Chieti, for study of a sample of Roman skeletal remains from the Necropolis of Tortoreto.
From 31-10-2005 to 30-11-2006
 16. **2014:** Collaborator for anthropological expert evaluation by the Public Prosecutor at the Court of Vasto, case N642/14.
From 08-09-2014 to 08-12-2014
 17. **2019:** Teaching assignment on personal identification methods as part of the agreement between the University of Chieti (Department of Medicine and Aging Sciences) and the Public Security Department, Central Anti-Crime Division of the State Police. Course conducted from 08-04-2019 to 12-04-2019.
 18. **2023:** Collaborator for anthropological expert evaluation by the Public Prosecutor at the Court of Chieti, criminal case n. 317/2022.
 19. **2023:** Technical consultancy for the Carabinieri CITES unit for verification of the nature of biological samples (bones and teeth) from a seizure. Case P.P. 768/23 RGNR, Public Prosecutor of Sulmona. Assignment conferred: 19-12-2023.

Ruggero D’Anastasio